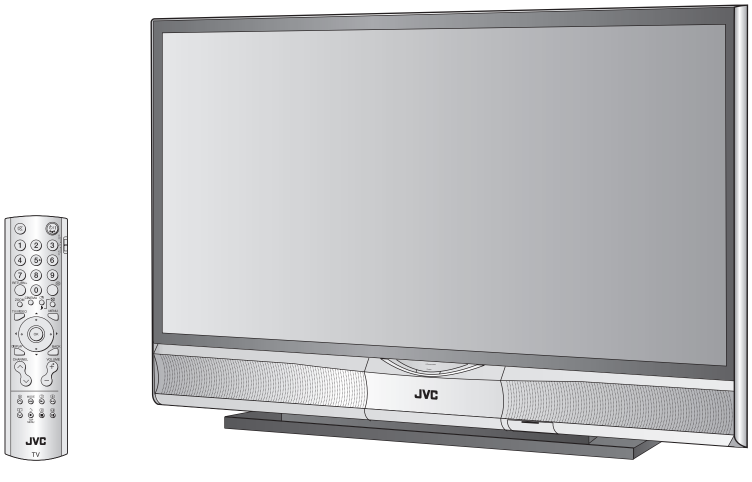
JVC

SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S, HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S

BASIC CHASSIS
RP4



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No.YA338
2005/11

SPECIFICATION

Items		Contents	
		HD-Z56RX5	**HD-Z70RX5**
Dimensions (W × H × D)		131.8 cm × 96.8 cm × 43.9 cm	162.6 cm × 116.7 cm × 51.9 cm
Mass		42 kg	72 kg
TV RF System		B, G, I, D, K, K1, M	
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43	
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K)	
Teletext System		FLOF (Fastext), WST (World Standard System)	
Receiving Frequency	VHF Low	46.25MHz - 168.25MHz	
	VHF High	175.25MHz - 463.25MHz	
	UHF	471.25MHz - 863.25MHz	
	CATV	Mid (X - Z+2, S1 - S10) / Super (S11 - S20) / Hyper (S21 - S41) bands	
Intermediate Frequency	VIF	38.0MHz (B, G, I, D, K, M)	
	SIF	32.26MHz (5.74MHz: B), 32.15MHz (5.85MHz: G), 31.45MHz (6.55MHz: I) 32.15MHz (5.85MHz: D), 32.15MHz (5.85MHz: K)	
Colour Sub Carrier	PAL	4.43MHz	
	SECAM	4.40625MHz / 4.25MHz	
	NTSC	3.58MHz / 4.43MHz	
Power Input		AC110V - AC240 V, 50 Hz / 60 Hz	
Power Consumption		187 W (Standby: 2.5 W)	
Projection Source		110W High-pressure mercury lamp	
Projection Device		D-ILA device (Reflection active matrix type LCD) x 3(R / G /B)	
Resolution		Total=H:1312 × V:800 [Effective =H:1280 × V:720]	
Screen		Transparent screen (unitized fresnel lens / lenticular lens), aspect ratio 16:9	
Screen Size		56" (142 cm) Measured diagonally H:124 cm × V:69.7 cm	70" (178 cm) Measured diagonally H:155.5 cm × V:87.2 cm
Audio Power Output		10 W + 10 W	
Speaker		10 cm round type × 2 (Oblique corn)	
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial	
Video / Audio Input [INPUT-1/2/3/4]	Component Video [INPUT-1/3]	RCA pin jack × 6	
	1125i / 750p	Y : 1V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω	
	625p / 525p / 625i / 525i	Y : 1V (p-p), positive (Negative sync provided), 75 Ω Pb/Pr : 0.7V(p-p), 75 Ω	
	S-Video [INPUT-1/2/4]	Mini-DIN 4 pin × 3 Y: 1V (p-p), positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω	
	Video	1V (p-p), positive (Negative sync provided), 75 Ω, RCA pin jack × 4	
	Audio	500mV (rms), high impedance, RCA pin jack × 8	
Digital Input	Video	HDMI 2-row 19pin connector × 1 (Digital-input terminal is not compatible with picture signals of personal computer)	
	Audio	Digital: HDMI 2-row 19pin connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2	
PC (RGB) Input		D-sub 3-row 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 42.0kHz / Vertical : 60Hz)	
Monitor / Rec Output	S-Video	Mini-DIN 4pin × 1 Y: 1V (p-p), 75Ω C: 0.286V(p-p) (burst signal), 75Ω	
	Video	1V (p-p), 75Ω, RCA pin jack × 1	
	Audio	250mV(rms) (-10dBs), Fs-18dB low impedance, RCA pin jack × 2	
Headphone Jack		3.5mm stereo mini jack × 1	
AV COMPULINK lll		3.5mm mini jack × 1	
Remote Control Unit		RM-C1835 (AA/R6 / UM-3 battery × 2)	

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⊜) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

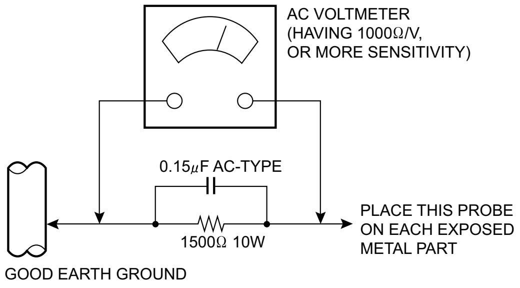
(6) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the predetermined level and power will be turned off automatically.

Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

Do not put foreign objects near the ventilation holes as this can result in fire or electrical hazards.

Do not block the ventilation holes as this may cause the internal temperature to rise and possibly result fire.

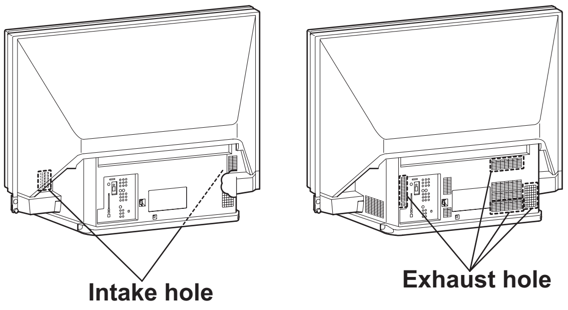


*Diagram differs from actual appearance.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified fingure, between the unit with and the surrounding walls, as well as the floor etc.

Install the unit on stable flooring.

Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

CAUTION FOR INSTALLATION

- Do not tilt the TV towards the left or right, or toward the back.
- Install the TV in a corner on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.

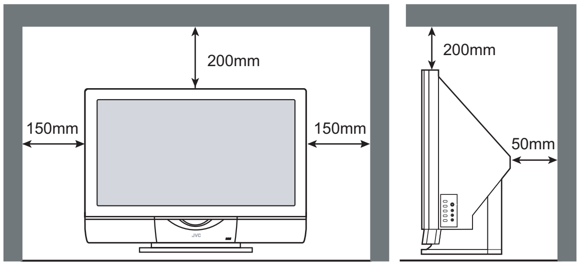
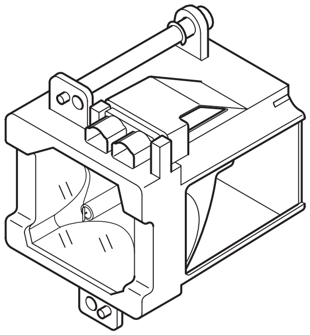


*Diagram differs from actual appearance.

1.3 LAMP UNIT HANDLING CAUTION

LAMP UNIT : TS-CL110CA



1.3.1 PRECAUTION FOR LAMP UNIT

The lamp emits high intensity white, ultraviolet and infrared light. Do not look directly at the light during service.

Also, do not touch the lamp directly as it presents a burn hazard.

Handle with extra care. This lamp emits high heat and contains high-pressure during use.

Do not give any impact as this may cause the broken lamp.

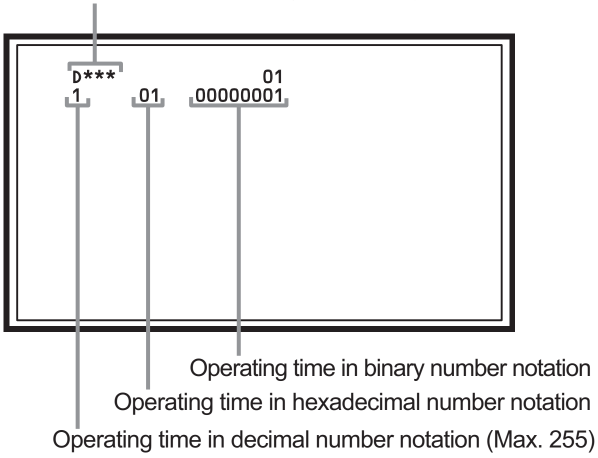
1.3.2 HOW TO CONFIRM LAMP OPERATING TIME

- MAXIMUM COUNT TIME= **65535 hours**
  (1) Press the **[DISPLAY]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
  (2) When the Main Menu is displayed, press **[4]** key to enter the setting display for designing.
  (3) Press **[CH+]** / **[CH-]** key to select the addresses (items).

NOTE:

- Confirmation of the information can be done by selecting addresses (items) below.
  Display position is in the far right side in the 2nd row from the top, as displayed below.

D070 : Lamp operating time high byte
D071 : Lamp operating time low byte


D***
01
1
01
00000001
Operating time in binary number notation
Operating time in hexadecimal number notation
Operating time in decimal number notation (Max. 255)

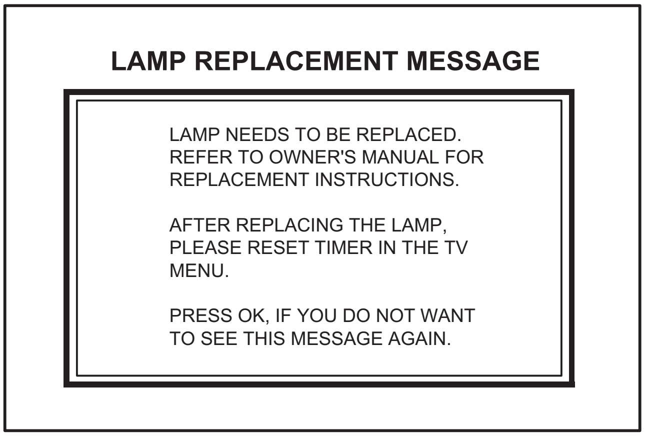
< Calculation example >
D070 (decimal number notation) = 003
D071 (decimal number notation) = 232
→ (3 x 256) + 232 = 1000 hours

1.3.3 LAMP UNIT REPLACEMENT

(1) The lamp replacement message will appear when need to change the lamp. After replace the lamp, need to reset the timer which is built into TV.
(2) Life of the lamp unit is about **5000 hours** over. Lamp use time can be check at the lamp message MENU.
(3) If Fig.1 message appears when turn the TV on, need to replace the lamp.
(4) Use the lamp timer reset only after replacing the lamp.

NOTE:

- This message will appear every time turn on the TV, when the lamp needs to be replaced. Press the **[OK]** key to make the message disappear, or replace the lamp.



LAMP REPLACEMENT MESSAGE

LAMP NEEDS TO BE REPLACED.
REFER TO OWNER'S MANUAL FOR
REPLACEMENT INSTRUCTIONS.

AFTER REPLACING THE LAMP,
PLEASE RESET TIMER IN THE TV
MENU.

PRESS OK, IF YOU DO NOT WANT
TO SEE THIS MESSAGE AGAIN.

Fig.1

1.3.4 HOW TO REPLACE THE LAMP UNIT

- Refer to the "**USERS GUIDE**" for a detailed operating description.

(1) Turn off the TV power.
(2) After the LAMP LED light has stopped blinking, disconnect the power cord from the AC outlet.
(3) Loosen 1 screw then take out the lamp cover below the left side of the TV.
(4) Loosen 2 screws then take out the lamp unit.
(5) Install the new lamp unit.
(6) Re-install the lamp cover.

NOTE:

- After installing the new lamp unit, do not forget to reset the lamp timer.

1.3.5 HOW TO RESET THE LAMP TIMER

- Refer to the "**USERS GUIDE**" for a detailed operating description.

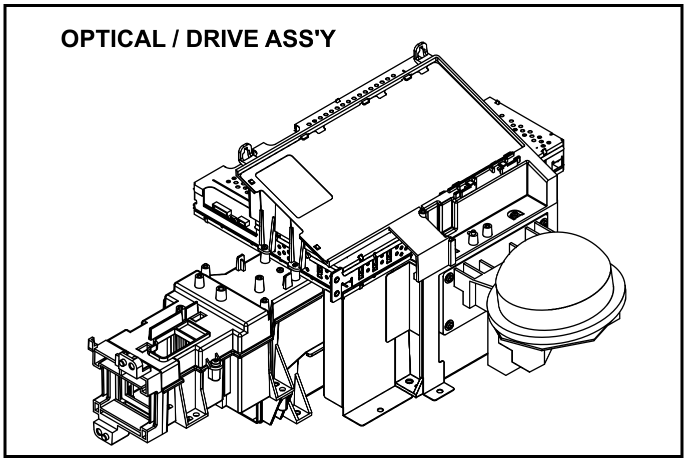
(1) Press the **[MENU]** key to select SET UP.
(2) Select the <LAMP TIMER RESET> with **[▲] / [▼]** keys.
(3) Enter the <LAMP TIMER RESET> mode the message will appears.
(4) Press the **[OK]** key while the above message appears on the screen.
(5) Turn off the power, then turn on the power.
(6) The lamp timer has now been reset, as before the HOW TO CONFIRM LAMP OPERATING TIME.

1.3.6 PRECAUTION FOR REPLACEMENT

- Do not replace the LAMP UNIT immediately after the projector has been used.
- The temperature of the LAMP UNIT is still high and could cause a burn.
- Allow a cooling period of 1 hour or more before performing replacement.
- Before starting LAMP UNIT replacement work, turn off the MAIN POWER switch, and disconnect the AC power cord plug from the wall outlet.
- If touched, the lamp glass surface may rupture and burns may result. Do not touch the glass portion or metal portion. Handle only plastic handle.
- The replaced old lamp can be discarded in the same manner as a fluorescent lamp. Check local ordinances and dispose of the used lamp as prescribed.

1.4 SERVICE PARTS KIT INSTRUCTIONS

Due to the character of this product, these OPTICAL /DRIVE ASS'Y are prepared.
Please note these OPTICAL/DRIVE ASS'Y when replacing or ordering the parts.



1.4.1 PART NUMBER AND CONSTRUCTION

Kit parts number	Kit part name
TS-COP7C-SAA	OPTICAL / DRIVE ASS'Y

1.4.2 OPTICAL / DRIVE ASS'Y CONSTRUCTION

(1) OPTICAL BLOCK
(Included D-ILA DEVICE, PROJECTION LENS)
(2) OPTICAL BASE
(3) MAIN DRIVE PWB ASS'Y
This PWB is mounted with 2 memory ICs saved with adjustment, setting data of the drive circuit.
(4) SHIELD COVER

*The following parts without the kits part.

- REMOTE SENSOR PWB ASS'Y
- FAN CONTROL PWB ASS'Y
- LAMP UNIT
- LAMP FAN DUCT
- THERMOSTAT

1.4.3 PRECAUTION FOR USING

(1) In the case of the following defects/problems, replace this kit (OPTICAL/DRIVE ASS'Y)
    a) Picture defect caused by optical system/D-ILA device related parts.
    b) Picture defect caused by drive circuit.

(2) The MAIN DRIVE PWB ASS'Y is mounted with a memory IC [IC3741/IC3742] saved with adjustment/setting data (GAMMA, SHADING, etc.) of the drive circuit.
The data of this memory IC is in the optimal state according to individual D-ILA devices and each section of the OPTICAL BLOCK.

(3) When replace the MAIN DRIVE PWB ASS'Y, take off the 2 memory ICs from the original board and replace with new one. When replace the MAIN DRIVE PWB ASS'Y, do same manner. Replace 2 memory ICs.

(4) After the replacement of the OPTICAL BLOCK, projection lens focus adjustment and drive convergence / projection adjustment are required.

1.5 SCREEN HANDLING CAUTIONS

1.5.1 SCREEN STORAGE

Store the SCREEN ASS'Y in a standing position in order to avoid deformation. If the screen is stored horizontally, there is risk of deforming the screen face.

When necessary to place the SCREEN ASS'Y horizontally, position the screen side upwards and sure to place spacers between the screen and resting site (floor or stand etc.) to prevent the screen from sagging.

1.5.2 SCREEN SURFACE

Since the screen surface is easily scratched or soiled, use ample care when handling.

1.5.3 PRECAUTIONS FOR CLEANING AND REPLACEMENT

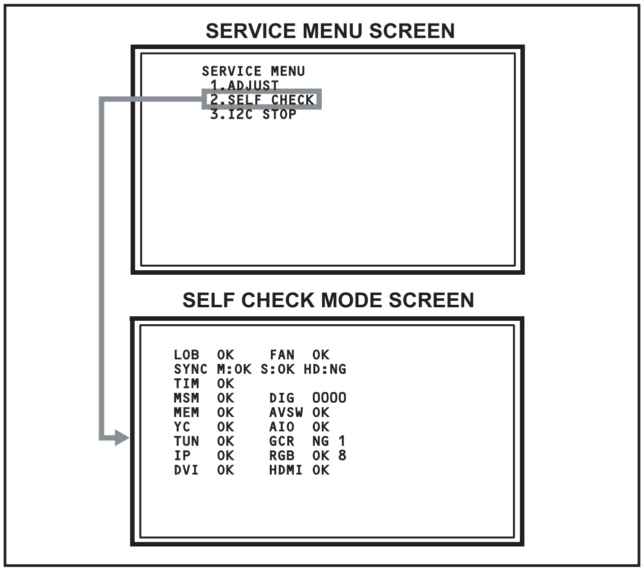
- The SCREEN ASS'Y is made from the lenticular lens and fresnel lens. The anti static proceeding and the surface of the lenticular lens. Rubbing the surface with something hard, the coating may peel off.
- When the screen is dirty, gently wipe it with a soft cloth.
  If the screen is very dirty, wipe it down with a cloth dipped in a diluted kitchen cleaner (neutrality detergent) and thoroughly wrung-out. Then wipe immediately after with clean, dry cloth.
  Never use the organic solvent such as the alcohol or benzine.
- The SCREEN ASS'Y replacement is required if the coating was peel off. Alkaline detergent or acidity detergent can not be be used.
- The notched side of the lenticular lens and the fresnel lens are faced each other.
- Do not rub the screen when cleaning it or replaceing it. Rubbing the screen may cause of the scratch of the screen by its notch.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

(1) Press the **[DISPLAY]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
(2) When the Main Menu is displayed, press **[2]** key to enter the self check mode.
(3) Turn off the power by pressing the **[POWER]** key on the remote control unit.



SERVICE MENU SCREEN

```
SERVICE MENU
 1.ADJUST
 2.SELF CHECK
 3.I2C STOP
```

SELF CHECK MODE SCREEN

```
LOB  OK     FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK     DIG  0000
MEM  OK     AVSW OK
YC   OK     AIO  OK
TUN  OK     GCR  NG 1
IP   OK     RGB  OK 8
DVI  OK     HDMI OK
```

2.2 FEATURES

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

COLOUR MANAGEMENT

This function ensures dull colours are compensated to produce natural hues.

PICTURE MANAGEMENT

This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

ZOOM

This function can change the screen size according to the picture aspect ratio.

DIGITAL VNR

This function cuts down the amount of noise in the original picture.

SUPER DIGIPURE

This function uses the latest in digital technology to give you a natural-looking picture.

CINEMA SURROUND

You can enjoy an enhanced sound for wider audience.

BBE

High definition audio adds natural, clear and extraordinary sound quality to any program.

PULL DOWN

This function displays a cinema film picture more smoothly and naturally on the screen.

2.3 MAIN DIFFERENCE LIST

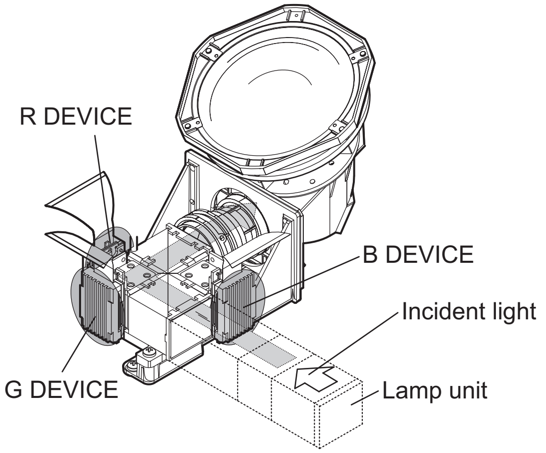
Item	HD-Z56RX5	HD-Z56RX5/A	HD-Z56RX5/S	HD-Z70RX5	HD-Z70RX5/A	HD-Z70RX5/S
POWER CORD	EU Type (2 Pins)	AU Type (2 Pins)	UK Type (3 Pins)	EU Type (2 Pins)	AU Type (2 Pins)	UK Type (3 Pins)
DIGITAL SIGNAL PWB	LCA10557-22B (SRP-0D502A)			LCA10557-21B (SRP-0D501A)		

2.4 TECHNICAL INFORMATION

2.4.1 D-ILA DEVICE SPECIFICATION

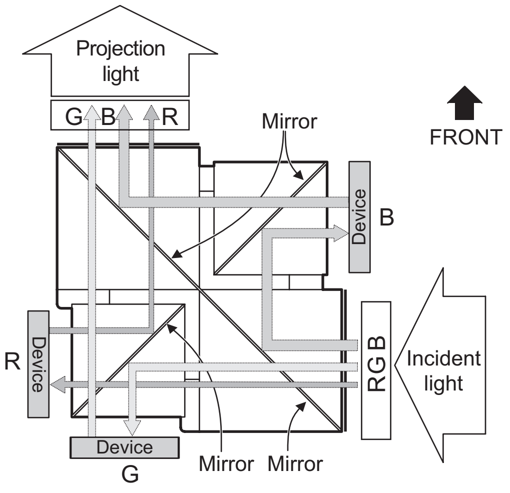
Item	Content
Resolution	H:1312 × V:800
Pixel number	about 1050000
Pixel size	H :12.0µm × V :12.0µm
Aspect ratio	16:9
Contrast ratio	1000:1
Aperture ratio	93% or more
Effective pixel measurement	0.7 inch

2.4.2 PROJECTION UNIT


R DEVICE
B DEVICE
Incident light
G DEVICE
Lamp unit

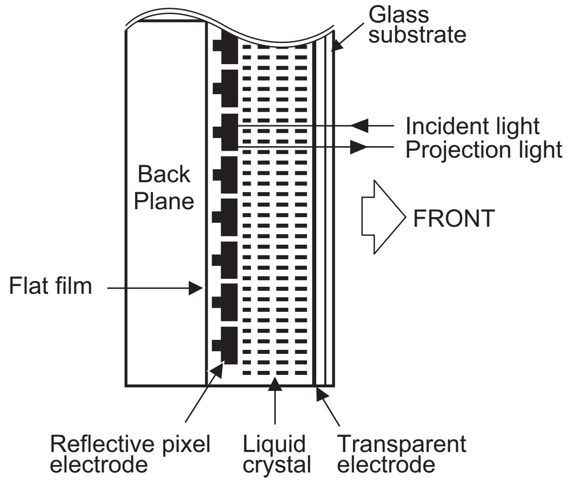
2.4.3 IMAGE LIGHT FLOW

DEVICE UNIT SECTION (TOP VIEW)

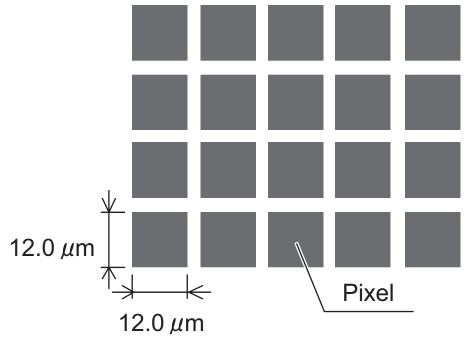

Projection light
G B R
Mirror
FRONT
Device
B
R
Device
RG B
Incident light
Device
G
Mirror
Mirror

2.4.4 D-ILA DEVICE STRUCTURE

R / G / B DEVICE (SIDE VIEW)


Glass substrate
Incident light
Projection light
Back Plane
FRONT
Flat film
Reflective pixel electrode
Liquid crystal
Transparent electrode

PIXEL VIEW (FRONT VIEW)


12.0 μm
12.0 μm
Pixel

2.4.5 MAIN CPU PIN FUNCTION [IC7501 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	TCK	O	Test purpose	65	D2	I/O	Program ROM data for main CPU
2	TMS	I	Test purpose	66	D12	I/O	Program ROM data for main CPU
3	TDI	I	Test purpose	67	D10	I/O	Program ROM data for main CPU
4	TDO	O	Test purpose	68	VSS33	-	GND
5	P2.8	O	Half tone control for IC4001	69	VDD33	I	3.3V
6	P2.9	O	Blue for OSD	70	D4	I/O	Program ROM data for main CPU
7	P2.10	O	Blue for OSD	71	D3	I/O	Program ROM data for main CPU
8	P2.11	O	Blue for OSD	72	D11	I/O	Program ROM data for main CPU
9	P2.12	O	Blue for OSD	73	RSTIN	I	Reset
10	P2.13	O	Blue for OSD	74	POWER	O	Sleep state release for chassis CPU [Relese : L]
11	P2.14	I	AV COMPULINK lll control	75	P3.1	O	Not used
12	P2.15	O	Request for chassis CPU communication	76	REMOCON	I	Remote control
13	VSS33	-	GND	77	P3.3	I	Clock for OSD
14	VDD33	I	3.3V	78	P3.4	O	Red for OSD
15	P4.5	O	Not used	79	P3.5	O	Red for OSD
16	A20	O	Program ROM address for main CPU	80	P3.6	O	Red for OSD
17	A19	O	Program ROM address for main CPU	81	P3.7	O	Red for OSD
18	A18	O	Program ROM address for main CPU	82	MTST	O	Data transmission for chassis CPU communication
19	A17	O	Program ROM address for main CPU	83	MTSR	I	Data receive for chassis CPU communication
20	VSS25	-	GND	84	VSS33	-	GND
21	VDD25	I	2.5V	85	VDD33	I	3.3V
22	A16	O	Program ROM address for main CPU	86	VSS25	-	GND
23	A8	O	Program ROM address for main CPU	87	VDD25	I	2.5V
24	A7	O	Program ROM address for main CPU	88	TXD0	O	Not used: Communication for adjustment
25	A9	O	Program ROM address for main CPU	89	RXD0	I	Not used: Communication for adjustment
26	A6	O	Program ROM address for main CPU	90	P3.12	O	Red for OSD
27	A5	O	Program ROM address for main CPU	91	CLK	O	Clock for chassis CPU communication
28	A10	O	Program ROM address for main CPU	92	P3.15	O	Not used
29	A11	O	Program ROM address for main CPU	93	P5.14	O	Green for OSD
30	A12	O	Program ROM address for main CPU	94	P5.15	O	Green for OSD
31	VSS33	-	GND	95	TRIG_IN	O	Green for OSD
32	VDD33	I	3.3V	96	TRIG_OUT	O	Green for OSD
33	A4	O	Program ROM address for main CPU	97	P6.2	O	Green for OSD
34	A3	O	Program ROM address for main CPU	98	P6.3	O	I^2C bus clock (for main memory)
35	A2	O	Program ROM address for main CPU	99	P6.4	I/O	I^2C bus Data (for main memory)
36	A1	O	Program ROM address for main CPU	100	P6.5	O	Teletext signal select [Analog RGB : H / Digital RGB : L]
37	A0	O	Program ROM address for main CPU	101	IRQ	O	Not used (NC)
38	A13	O	Program ROM address for main CPU	102	VSYNC	I	Vertical sync
39	RAS/A14	O	Program ROM address for main CPU	103	HSYNC	I	Horizontal sync
40	CAS/A15	O	Program ROM address for main CPU	104	COR/RSTOUT	O	Not used (NC)
41	VSS33	-	GND	105	BLANK	O	Ys for OSD / Teletext
42	VDD33	I	3.3V	106	VDD33	I	3.3V
43	MEMCLK	O	Clock for memory	107	VSS33	-	GND
44	CSSDRAM	O	Chip select for memory	108	XTAL1	I	6MHz for system clock
45	CLKEN	O	Clock enable for memory	109	XTAL2	O	6MHz for system clock
46	CSROM	O	Chip select for memory	110	VSSA	-	GND
47	RD	O	Read for memory	111	VDDA	I	2.5V
48	UDQM	O	Control buffer of memory	112	R	O	R for OSD / Teletext
49	LDQM	O	Control buffer of memory	113	G	O	G for OSD / Teletext
50	WR	O	Write for memory	114	B	O	B for OSD / Teletext
51	D15	I/O	Program ROM data for main CPU	115	VSSA	-	GND
52	VSS33	-	GND	116	VDDA	I	2.5V
53	VDD33	I	3.3V	117	CVBS2	I	Not used
54	D7	I/O	Program ROM data for main CPU	118	VSSA	-	GND
55	D0	I/O	Program ROM data for main CPU	119	VDDA	I	2.5V
56	D14	I/O	Program ROM data for main CPU	120	CVBS1B	I	Not used
57	D8	I/O	Program ROM data for main CPU	121	CVBS1A	I	Video for Teletext
58	D6	I/O	Program ROM data for main CPU	122	VSSA	-	GND
59	D1	I/O	Program ROM data for main CPU	123	VDDA	I	2.5V
60	VSS33	-	GND	124	KEY1	I	Key scan data 1 [ON : H]
61	VDD33	I	3.3V	125	KEY2	I	Key scan data 2 [ON : H]
62	D13	I/O	Program ROM data for main CPU	126	MECA_SW	I	Main power ON / OFF control [ON : L]
63	D9	I/O	Program ROM data for main CPU	127	P5.3	I	Not used (NC)
64	D5	I/O	Program ROM data for main CPU	128	TMODE	I	Test purpose

2.4.6 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LCD_PRO	I	Not used	51	BS_TXD	O	Not used : Data transmission for digital tuner communication
2	P_MU	O	Picture muting [Muting = H]	52	BS_RXD	I	Not used : Data receive for digital tuner communication
3	FUNC_LED	O	Not used	53	CD_INT	O	Not used : Data transmission for CARD data
4	A_MUTE	O	Audio muting [Muting = H]	54	VREF+	I	3.3V power supply
5	M_MUTE	O	Audio muting (for AUDIO OUT) [Muting = H]	55	PDP_TX	O	Data transmission for SUB (DRIVE) CPU communication
6	PC_SEL	O	RGB(PC) INPUT select	56	PDP_RX	I	Data receive for SUB (DRIVE) CPU communication
7	DIMMER_LED	O	POWER INDICATOR (LED) brightness [LOW = L]	57	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
8	ILA0	O	Not used : LCD back light lighting	58	SCL0	O	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
9	ILA1	O	Not used : LCD panel overshoot refresh timing	59	SDA_DVI	I/O	Not used : Data for Inter IC (serial) bus for panel communication
10	ILA2	O	Not used	60	SCL_DVI	O	Not used : Clock for Inter IC (serial) bus for panel communication
11	POW_LED	O	POWER LED lighting [ON = L]	61	AVSS	-	GND
12	WORD	O	Not used	62	DIGI_PHOT	I	Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	I	Clock for MAIN (OSD) CPU communication	63	AGC	I	Not used
14	MI_TX	I	Data receive for MAIN (OSD) CPU communication	64	EXT_YS1	I	Not used
15	MI_RX	O	Data transmission for MAIN (OSD) CPU communication	65	EXT_YS2	I	Not used
16	MI_REQ	O	Data request for MAIN (OSD) CPU communication [Request = L]	66	VDD	I	3.3V power supply
17	VDD	I	3.3V power supply	67	DIGI_PRO	O	Not used: for DIGITAL-IN (HDMI)
18	FOSC	O	Not used (NC)	68	GR_RST	O	Not used (NC)
19	VSS	-	GND	69	GRON	O	Not used (NC)
20	X1	I	Not used : Low speed oscillatior	70	SYNC_SEL	O	Not used : Sync select for digital tuner
21	X0	O	Not used : Low speed oscillatior	71	CD_SCL	O	Not used : Clock for Inter IC (serial) bus for CARD comunication
22	VDD	I	3.3V power supply	72	CD_SDA	O	Not used : Data for Inter IC (serial) bus for CARD comunication
23	OSC1	I	System clock osillation (crystal) : 16MHz	73	SBD5	I/O	Data for writing on board (connect CN01P : for Frash ROM type)
24	OSC0	O	System clock osillation (crystal) : 16MHz	74	SBT5/RT5	I	Clock for writing on board (connect CN01P : for Frash ROM type)
25	MODE	I	Single chip mode [H = Fixed]	75	NMI	I	3.3V power supply
26	BS1.5CTL	O	Not used : Digital tuner power / reset control	76	COMP	I	Not used : AV COMPULINK lll control
27	A92RES	O	Reset for IC1001(3D YC SEP / COLOUR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	O	Not used : Reset for Digital tuner power / reset control [Reset = L]	78	MICON_V	I	V. sync pulse
29	LIP_RST	O	Not used: Reset for Sound delay (Lip sync)	79	WAKE	I	Reset for sub(chassis) CPU from MAIN CPU [Reset = L]
30	DIN_DTB	O	Not used	80	POWERGOOD	I	Power error detection [NG = H]
31	VMUTE	I	Interrupt detection [Detect = H]	81	REC_LED	O	LAMP LED lighting [ON = L]
32	VOUTENB	O	Not used : Video cutoff for digital tuner [OFF = L]	82	RESET	I	Reset for sub(chassis) CPU [Reset = L]
33	MDR_CON	I	Not used : System cable connection monitor for PDP	83	VDD	I	3.3V power supply
34	AVDD	I	3.3V power supply	84	SCL3A	O	Clock for Inter IC (serial) bus control
35	PFC_POWE	O	Not used : Digital tuner power control	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]	86	SCL3B	O	Clock for Inter IC (serial) bus control
37	LB_POWE	O	Power control for low bias line	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	O	Not used (NC)	88	DIGI_SYNCSEL	O	Not used
39	HOTPLUG	I	Not used : Video communiation monitor for receiver unit (PDP)	89	DIGI_LRSW	O	For DIGITAL-IN (HDMI)
40	MECA_SW	I	Mechanical monitor for POWER switch	90	DIGI_HP	I	Reset for HDMI process [Reset = L]
41	MAIN_PW	O	Main power control [ON = L]	91	DVI_RST	O	Not used : Reset for DVI format conversion
42	MSP_RST	O	Reset for AUDIO CONTROL IC [Reset = L]	92	VSS	-	GND
43	VREF-	I	Not used	93	SCL5055	O	Clock for Inter IC (serial) bus : IC3001 (DIST process)
44	AFT2	I	Not used : AFT voltage for sub tuner	94	VFORMSEL	O	Not used : Digital tuner clock control
45	AFT1	I	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : IC3001 (DIST process)
46	KEY2	I	Not used	96	OSD_SEL	O	Not used : OSD mode select
47	KEY1	I	Not used	97	NC	O	Not used (NC)
48	NC	O	Not used	98	MCmp/OTH	O	Main video select [Fixed H]
49	REC_RSV_LED	O	Not used	99	DsyncSW1	O	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
50	AC_IN	I	Not used : AC 50/60Hz detect	100	57 BUSY	I	Busy monitor for IC4001 (New DIST process)

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- **Be sure to perform the SYSTEM SETTEING, at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.
- Wait until the LAMP UNIT has cool down is completely.
- While not in repair service, place the chassis back its original position.

3.1.1 FRONT SIDE DISASSEMBLY [HD-Z56RX5]

3.1.1.1 REMOVING THE SPEAKER GRILL (Fig.1)

(1) Remove the 2 screws **[A]**.
(2) Remove the SPEAKER GRILL.

3.1.1.2 REMOVING THE FRONT LED PWB (Fig.1)

- Remove the SPEAKER GRILL.

(1) Remove the 1 screw **[B]**.
(2) Remove the FRONT LED PWB.

3.1.1.3 REMOVING THE CENTRE COVER (Fig.1)

- Remove the SPEAKER GRILL.

(1) Remove the 2 screws **[C]**.
(2) Remove the CENTRE COVER.

3.1.1.4 REMOVING THE SPEAKER (Fig.1)

- Remove the SPEAKER GRILL.

(1) Remove the 4 screws **[F]**.
(2) Remove the SPEAKER.

3.1.1.5 REMOVING THE FRONT PANEL (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the SPEAKER.

(1) Remove the 10 screws **[D]**.
(2) Remove the FRONT PANEL.

CAUTION :

- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.1.6 REMOVING THE SCREEN BLOCK (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.

(1) Remove the 8 screws **[G]**.
(2) Remove the SCREEN BLOCK.

CAUTION :

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.1.7 REMOVING THE SCREEN ASS'Y (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 12 screws **[H]**.
(2) Remove the SCREEN BRACKET from the FRONT BRACKET.
(3) Remove the SCREEN ASS’Y.

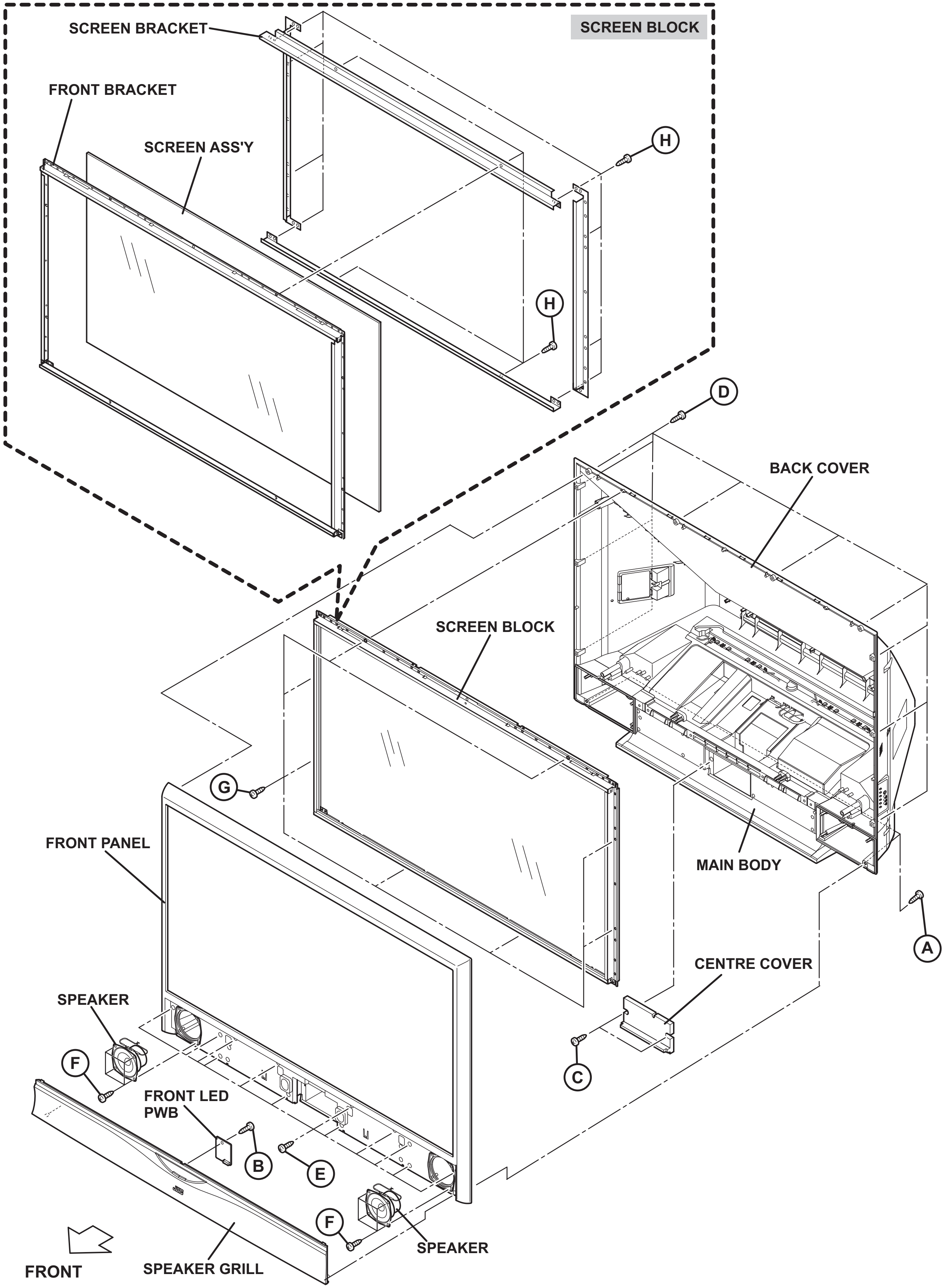

SCREEN BRACKET
SCREEN BLOCK
FRONT BRACKET
SCREEN ASS'Y
H
H
D
BACK COVER
SCREEN BLOCK
G
FRONT PANEL
MAIN BODY
A
CENTRE COVER
SPEAKER
F
FRONT LED
PWB
C
B
E
F
SPEAKER
FRONT
SPEAKER GRILL

Fig.1

3.1.1.8 REMOVING THE MIRROR (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 4 screws **[A]** attaching the MIRROR HOLDER of the upper side.
  (2) Remove the 6 screws **[B]** attaching the MIRROR HOLDER of left and right side.
  (3) Raise slightly to disengage of the MIRROR from the bottom holder.
  (4) Remove the MIRROR.

NOTE :

- Do not touch the front of the MIRROR.
- Do not shock the the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.1.9 REMOVING THE SIDE CONTROL PWB (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 2 screws **[C]**.
  (2) Remove the SIDE CONTROL BASE.
  (3) Remove the 2 screws **[D]**.
  (4) Remove the SIDE CONTROL PWB.

3.1.1.10 REMOVING THE SUPPORT HOLDER (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
  (1) Remove the 2 screws **[E]**.
  (2) Remove the SUPPORT HOLDER.

3.1.1.11 REMOVING THE BACK COVER (Fig.2)

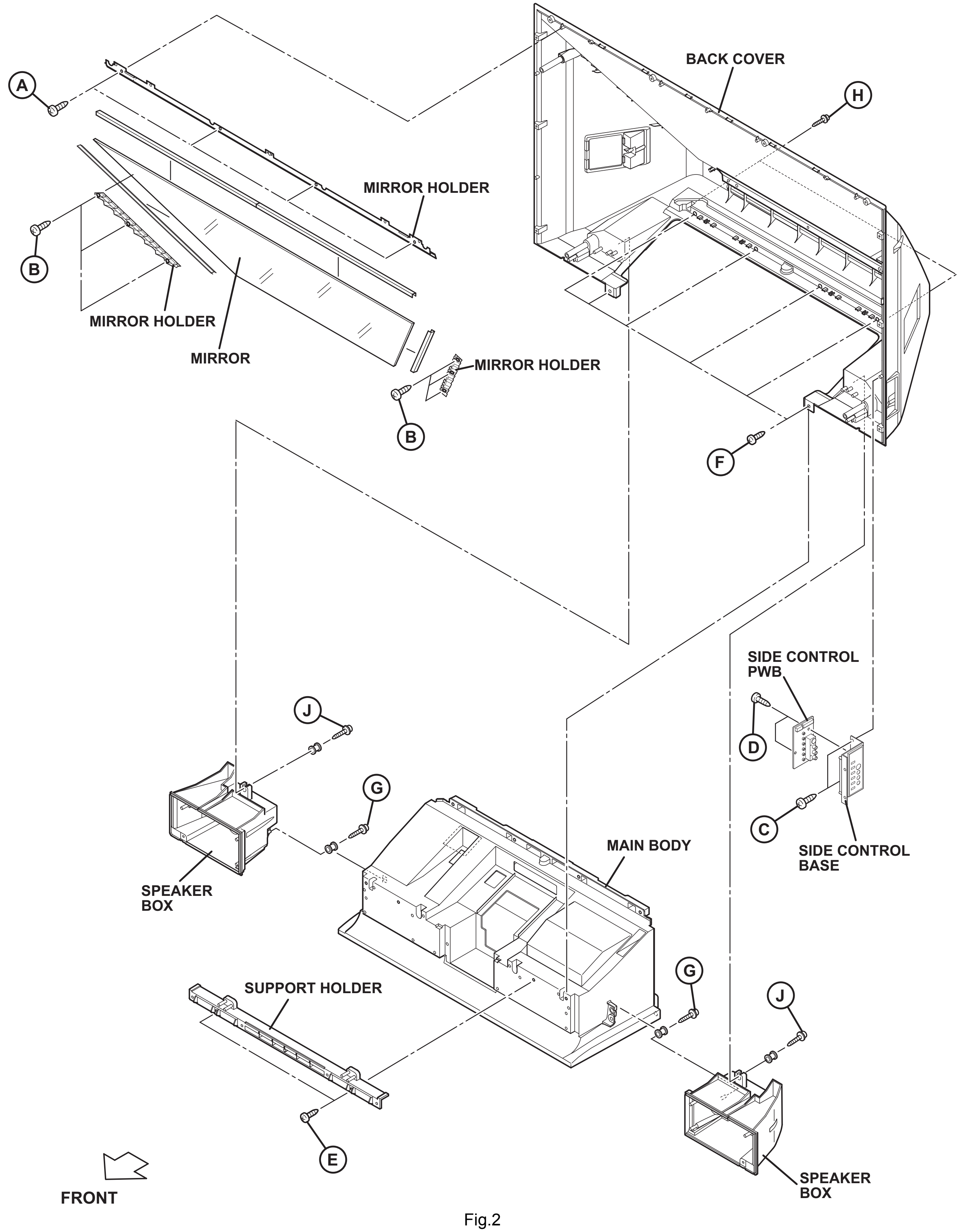
- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- Remove the SUPPORT HOLDER.
  (1) Remove the 6 screws **[F]**, the 2 screws **[G]** and the 2 screws **[H]**.
  (2) Remove the BACK COVER.

CAUTION :

- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.1.12 REMOVING THE SPEAKER BOX (Fig.2)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- Remove the SUPPORT HOLDER.
- Remove the BACK COVER.
  (1) Remove the 2 screws **[J]**.
  (2) Remove the SPEAKER BOX(L /R).



BACK COVER
A
H
MIRROR HOLDER
B
MIRROR HOLDER
MIRROR
MIRROR HOLDER
B
F
SIDE CONTROL PWB
J
D
G
C
MAIN BODY
SIDE CONTROL BASE
SPEAKER BOX
G
SUPPORT HOLDER
J
E
FRONT
SPEAKER BOX

Fig.2

3.1.2 FRONT SIDE DISASSEMBLY [HD-Z70RX5]

3.1.2.1 REMOVING THE SPEAKER GRILL (Fig.3)

(1) Remove the 1 screw **[A]** and the 1 screw **[B]**.
(2) Remove the SPEAKER GRILL.

3.1.2.2 REMOVING THE CENTRE PANEL (Fig.3)

- Remove the SPEAKER GRILL.

(1) Remove the 2 screws **[C]**, then remove the CENTRE PANEL.

3.1.2.3 REMOVING THE FRONT LED PWB (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.

(1) Remove the 1 screw **[D]**.
(2) Remove the FRONT LED PWB.

3.1.2.4 REMOVING THE CENTRE COVER (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the CENTRE PANEL.

(1) Remove the 2 screws **[E]**.
(2) Remove the CENTRE COVER.

3.1.2.5 REMOVING THE SPEAKER (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the CENTRE PANEL.

(1) Remove the 4 screws **[H]**.
(2) Remove the SPEAKER.

3.1.2.6 REMOVING THE FRONT PANEL (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the CENTRE PANEL.
- Remove the SPEAKER

(1) Remove the 18 screws **[F]** and the 10 screws **[G]**.
(2) Remove the FRONT PANEL.

CAUTION:

Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.2.7 REMOVING THE SCREEN BLOCK (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the CENTR PANEL.
- Remove the FRONT PANEL.

(1) Remove the 6 screws **[J]** and the 8 screws **[K]**.
(2) Remove the SCREEN BLOCK.

CAUTION :

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.2.8 REMOVING THE SCREEN ASS'Y (Fig.3)

- Remove the SPEAKER GRILL.
- Remove the CENTRE PANEL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 12 screws **[L]**.
(2) Remove the SCREEN BRACKET from the FRONT BRACKET.
(3) Remove the SCREEN ASS'Y.

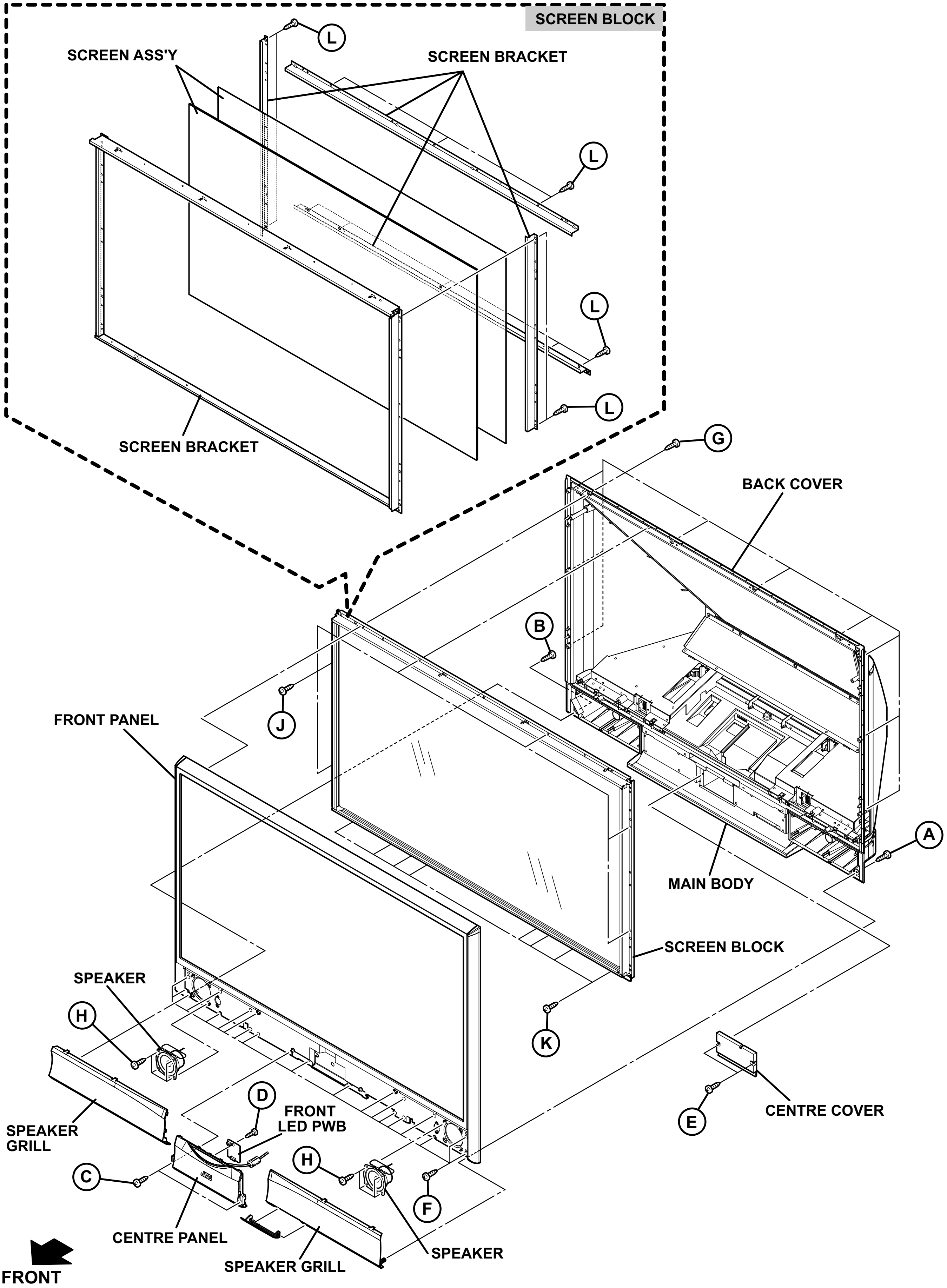

SCREEN BLOCK
L
SCREEN ASS'Y
SCREEN BRACKET
L
L
L
SCREEN BRACKET
G
BACK COVER
B
J
FRONT PANEL
A
MAIN BODY
SCREEN BLOCK
SPEAKER
H
K
D
FRONT
LED PWB
E
CENTRE COVER
SPEAKER
GRILL
C
H
F
CENTRE PANEL
SPEAKER
SPEAKER GRILL
FRONT

Fig.3

3.1.2.9 REMOVING THE MIRROR (Fig.4)

- Remove the SPEAKER GRILL.
- Remove the CENTR PANEL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 2 screws **[A]**.
(2) Remove the MIRRO HOLDER STOPPER.
(3) Remove the 2 screws **[B]** and the 2 screws **[C]**.
(4) Remove the MIRROR HOLDER(top).
(5) Remove the 4 screws **[D]**.
(6) Remove the MIRROR HOLDER BRACKET(top).
(7) Remove the 6 screws **[E]** and the 2 screws **[F]**.
(8) Remove the MIRROR HOLDER(side).
(9) Raise slightly to disengage of the MIRROR from the bottom holder.
(10) Remove the MIRROR.

NOTE:

- Do not touch the front of the MIRROR.
- Do not shock the front of the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.2.10 REMOVING THE BACK COVER BRACKET (Fig.4)

- Remove the SPEAKER GRILL.
- Remove the CENTR PANEL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 6 screws **[G]** and the 3 screws **[H]**.
(2) Remove the BACK COVER BRACKET(REAR).
(3) Remove the 8 screws **[J]**, the 4 screws **[K]** and the 2 screws **[L]**.
(4) Remove the BACK COVER BRACKET(both L/R and FRONT).

3.1.2.11 REMOVING THE SIDE CONTROL PWB (Fig.4)

- Remove the SPEAKER GRILL.
- Remove the CENTR PANEL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 4 screws **[M]**.
(2) Remove the SIDE CONTROL BASE.
(3) Remove the 3 screws **[N]**.
(4) Remove the SIDE CONTROL PWB.

3.1.2.12 REMOVING THE SPEAKER BOX (Fig.4)

- Remove the SPEAKER GRILL.
- Remove the CENTR PANEL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- Remove the BACK COVER BRACKET.

(1) Remove the 6 screws **[P]**.
(2) Remove the SPEAKER BOX.

3.1.2.13 REMOVING THE BACK COVER (Fig.4)

- Remove the SPEAKER GRILL.
- Remove the CENTR PANEL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- Remove the BACK COVER BRACKET.
- Remove the SPEAKER BOX.

(1) Remove the 4 screws **[Q]** and the 2 screws **[R]**.
(2) Remove the BACK COVER.

CAUTION:

Because of the large size, at least 2 persons are recommended for removal and reassemble.

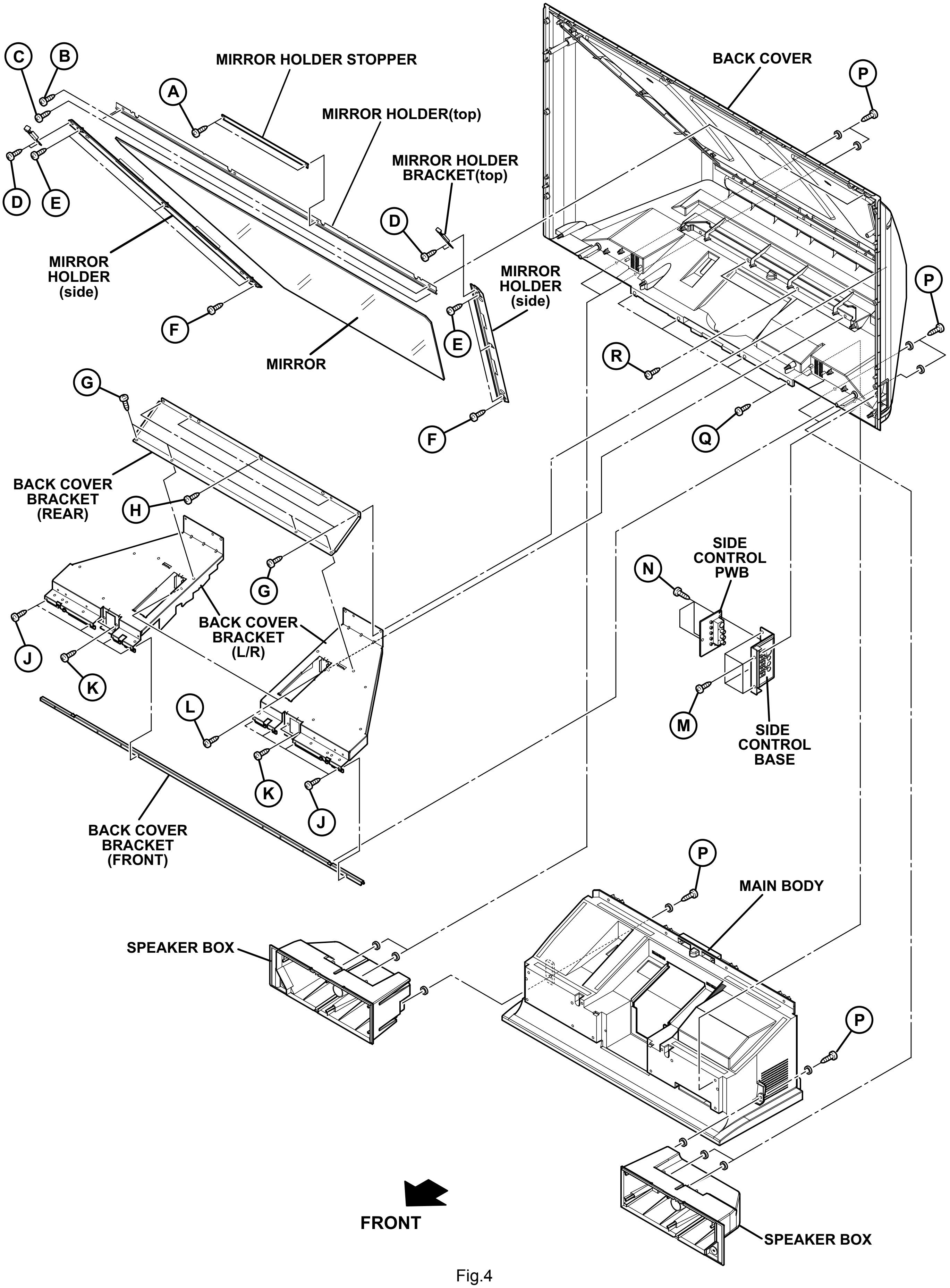

C
B
MIRROR HOLDER STOPPER
A
MIRROR HOLDER(top)
BACK COVER
P
D
E
MIRROR HOLDER BRACKET(top)
D
MIRROR HOLDER (side)
MIRROR HOLDER (side)
P
E
F
MIRROR
R
G
F
Q
BACK COVER BRACKET (REAR)
H
SIDE CONTROL PWB
N
G
BACK COVER BRACKET (L/R)
J
K
L
M
SIDE CONTROL BASE
K
J
BACK COVER BRACKET (FRONT)
P
MAIN BODY
SPEAKER BOX
P
FRONT
SPEAKER BOX

Fig.4

3.1.3 REAR SIDE DISASSEMBLY

3.1.3.1 REMOVING THE LAMP UNIT (Fig.5)

(1) Remove the 1 screw **[A]**.
(2) Remove the LAMP COVER.
(3) Remove the 2 screws **[B]**.
(4) Pull out the LAMP UNIT.

NOTE :

- Do not leave the LAMP COVER removed for long time to prevent dirt and dust form covering the lens.
- Make sure that the LAMP COVER is completely installed.

3.1.3.2 REMOVING THE BODY COVER (Fig.5)

(1) Remove the 9 screws **[C]**.
(2) Remove the 2 screws **[D] [HD-Z56RX5]**.
(3) Remove the BODY COVER.

CAUTION :

In case of HD-Z70RX5, the 2 screws **[D]** are not used, and do not install screws in these screw holes by force.

NOTE:

Do not leave the BODY COVER removed for long time to prevent soiling from dust.

3.1.3.3 REMOVING THE MAIN UNIT (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.

(1) Remove the 4 screws **[F]**.
(2) Remove the BODY BRACKET.
(3) Remove the 2 screws **[G]**.
(4) The MAIN UNIT is pulled out to the back side.

CAUTION :

- **Except for confirmation of projection images on the screen and audio output through the speakers, the removed MAIN UNIT is still workable in the same state as if it is still built-in the TV set. Therefore, the MAIN UNIT can be removed, if necessary, for board diagnosis, electric testing, etc. apart from confirmation of screen images and audio output. Do not leave the MAIN UNIT removed for long time to prevent soiling from dust.**
- **Because of the large size, at least 2 persons are recommended for removal and reassemble.**
- **When carrying the MAIN UNIT, use care not to drop, shock or shake it.**
- **Do not stain or damage the projection lens.**
- **Do not look directly at the light during service.**
- **Do not touch the lamp directly as it presents a burn hazard.**

NOTE :

- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens is in contact with the cushion on the set (body) side.
- Make sure that FRONT LED PWB connector is completely connect to the RECEIVER PWB connector.
- When wire clamps are removed during work, use care to restore them precisely to their original positions.
  Performance can be affected if these are not returned to the original positions.

3.1.3.4 REMOVING THE POWER PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the POWER CORD.
(2) Remove the 5 screws **[H]**.
(3) Remove the POWER PWB.

3.1.3.5 REMOVING THE AV TERMINAL BOARD (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the POWER CORD.
(2) Remove the 3 screws **[J]**, the 5 screws **[K]** and the 2 hex screws **[L]**.
(3) Remove the 1 screw **[M]** and the nut attaching the ANTENNA TERMINAL.
(4) Remove the AV TERMINAL BOARD.

3.1.3.6 REMOVING THE REAR JACK PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 2 screws **[N]**.
(2) Remove the REAR JACK PWB.

3.1.3.7 REMOVING THE RECEIVER PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the REAR JACK PWB.

(1) Remove the 4 screws **[P]**.
(2) Remove the PWB HOLDER.
(3) Remove the 1 screw **[Q]**.
(4) Remove the ANALOG PWB BRACKET with PWB.
(5) Remove the 4 screws **[R]**.
(6) Remove the RECEIVER PWB.

3.1.3.8 REMOVING THE ANALOG SIGNAL PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the REAR JACK PWB.
- Remove the PWB HOLDER.
- Remove the RECEIVER PWB.

(1) Remove the 2 screws **[S]**.
(2) Remove the ANALOG SIGNAL PWB.

3.1.3.9 REMOVING THE REGULATOR PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the REAR JACK PWB.
- Remove the AV TERMINAL BOARD.
- Remove the PWB HOLDER.
- Remove the RECEIVER PWB.

(1) Remove the 4 screws **[T]**.
(2) Remove the REGULATOR PWB.

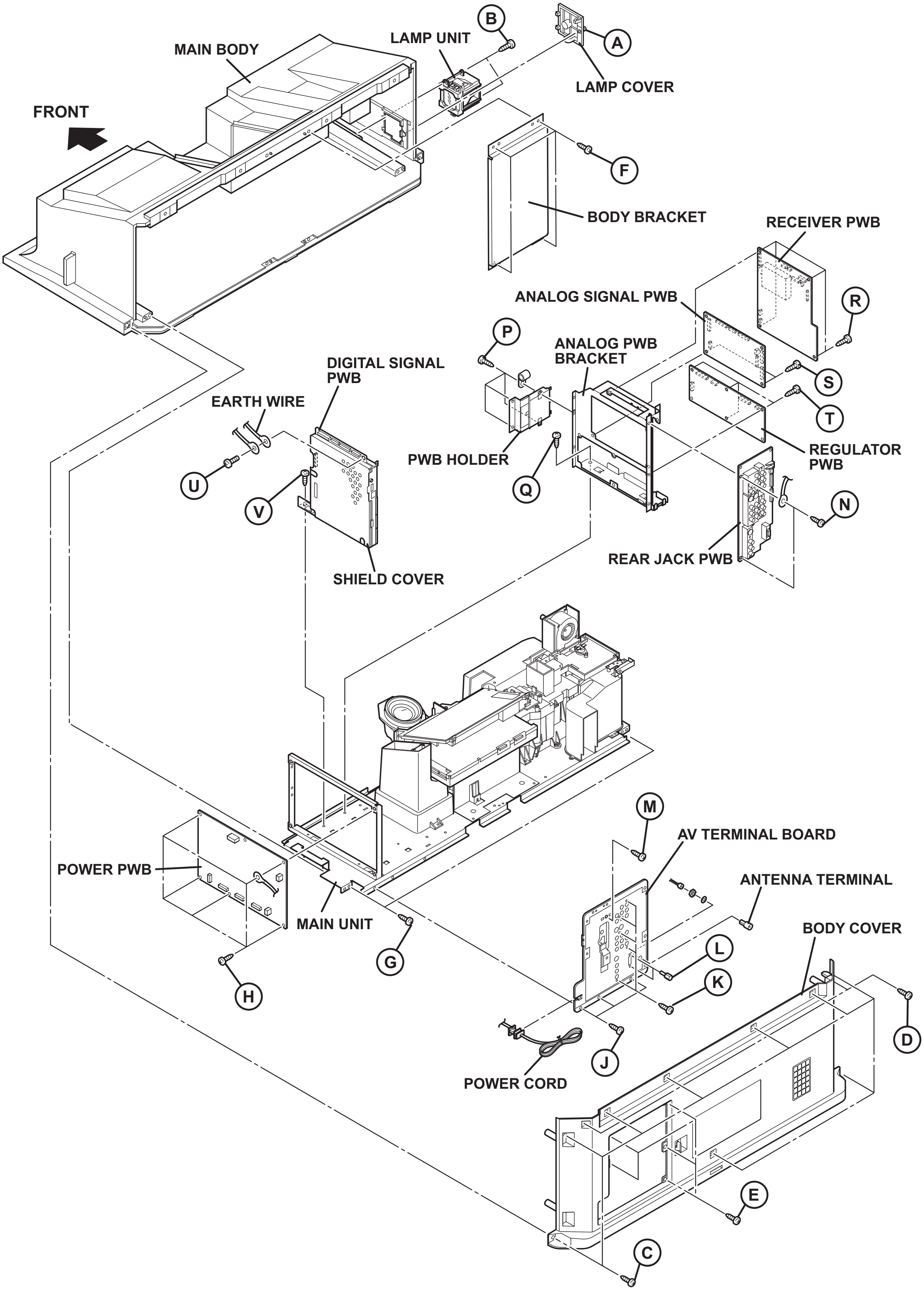
3.1.3.10 REMOVING THE DIGITAL SIGNAL PWB (Fig.5)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the PWB HOLDER.

(1) Remove the 1 screw **[U]**.
(2) Remove the EARTH WIRE.
(3) Remove the 1 screw **[V]**.
(4) Remove the DIGITAL SIGNAL PWB.

CAUTION :

Make sure to perform the "SYSTEM SETTEING" , when DIGITAL SIGNAL PWB is replaced.



B
LAMP UNIT
A
MAIN BODY
LAMP COVER
FRONT
F
BODY BRACKET
RECEIVER PWB
ANALOG SIGNAL PWB
R
P
ANALOG PWB BRACKET
DIGITAL SIGNAL PWB
S
EARTH WIRE
T
REGULATOR PWB
PWB HOLDER
U
Q
N
V
REAR JACK PWB
SHIELD COVER
M
AV TERMINAL BOARD
POWER PWB
ANTENNA TERMINAL
MAIN UNIT
BODY COVER
G
L
K
H
D
J
POWER CORD
E
C

Fig.5

3.1.3.11 REMOVING THE LAMP COVER SW PWB (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 2 screws **[A]**.
(2) Remove the LAMP COVER SW BRACKET with PWB.
(3) Remove the 1 screw **[B]**.
(4) Remove the LAMP COVER SW PWB.

3.1.3.12 REMOVING THE FAN CONTROL PWB (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 1 screw **[C]**.
(2) Remove the FAN CONTROL PWB.

3.1.3.13 REMOVING THE THERMOSTAT (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 2 screws **[D]**.
(2) Remove the THERMOSTAT.

3.1.3.14 REMOVING THE LAMP COOLING FAN-1 (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 2 screws **[F]**.
(2) Remove the COOLING FAN BRACKET by pulling transversally.
(3) Remove the 2 screws **[G]**.
(4) Remove the LAMP COOLING FAN-1.

3.1.3.15 REMOVING THE LAMP COOLING FAN-2 (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the COOLING FAN BRACKET.

(1) Remove the 2 screws **[H]**.
(2) Remove the LAMP COOLING FAN-2.

3.1.3.16 REMOVING THE LAMP BALLAST BLOCK (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 1 screw **[J]**.
(2) Remove the LAMP BALLAST BLOCK.
(3) Remove the 2 screws **[K]**.
(4) Remove the LAMP BALLAST DUCT.
(5) Remove the 2 screws **[L]**.
(6) Remove the LAMP BALLAST UNIT.

3.1.3.17 REMOVING THE OPTICAL / DRIVE ASS’Y (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the FAN CONTROL PWB.

(1) Remove the 5 screws **[E]**.
(2) Remove the LAMP FAN DUCT.
(3) Remove the 5 screws **[M]**, 6 screws **[N]** and the 1 screw **[P]**.
(4) Remove the OPTICAL / DRIVE ASS'Y.

NOTE:

- The OPTICAL / DRIVE ASS'Y contains precision optical components.
  Handle carefully and avoid imparting strong shock.
- OPTICAL / DRIVE ASS'Y construction
  (1) Optical block:
  (D-ILA device, PBS, Field lens, Integrater, Mirror etc.)
  (2) Projection lens
  (3) Optical base
  (4) MAIN DRIVE PWB
  (5) Top duct
  (6) Shield cover
- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens side is in contact with the cushion on the body side.
- Do not leave the OPTICAL / DRIVE ASS'Y removed for long time to prevent soiling from dust.

3.1.3.18 REMOVING THE MAIN DRIVE PWB (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Slide the TOP DUCT PLATE and remove it.
  (2) Remove the 1 screw **[Q]** and the 1 screw **[R]**.
  (3) Remove the TOP DUCT.
  (4) Remove the SHIELD TOP CASE.
  (5) Remove the 2 screws **[S]**.
  (6) Remove the DEVICE SHIELD.
  (7) Remove the 3 screws **[T]** and the 1 screw **[U]**.
  (8) Remove the MAIN DRIVE PWB.

3.1.3.19 REMOVING THE PROJECTION LENS (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 4 screws **[V]**.
  (2) Remove the PROJECTION LENS.

3.1.3.20 REMOVING THE OPTICAL BLOCK COOLING FAN (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
- Remove the FAN CONTROL PWB.
- Remove the LAMP FAN DUCT.
- Remove the OPTICAL / DRIVE ASS'Y.
  (1) Remove the 2 screws **[W]**.
  (2) Remove the SIROCCO TOP CASE.
  (3) Remove the 2 screws **[X]**.
  (4) Remove the OPTICAL BLOCK COOLING FAN.

3.1.3.21 REMOVING THE REMOTE SENSOR PWB (Fig.6)

- Remove the LAMP COVER.
- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the MAIN UNIT.
  (1) Remove the 1 screw **[Y]**.
  (2) Remove the REMOTE SENSOR PWB.

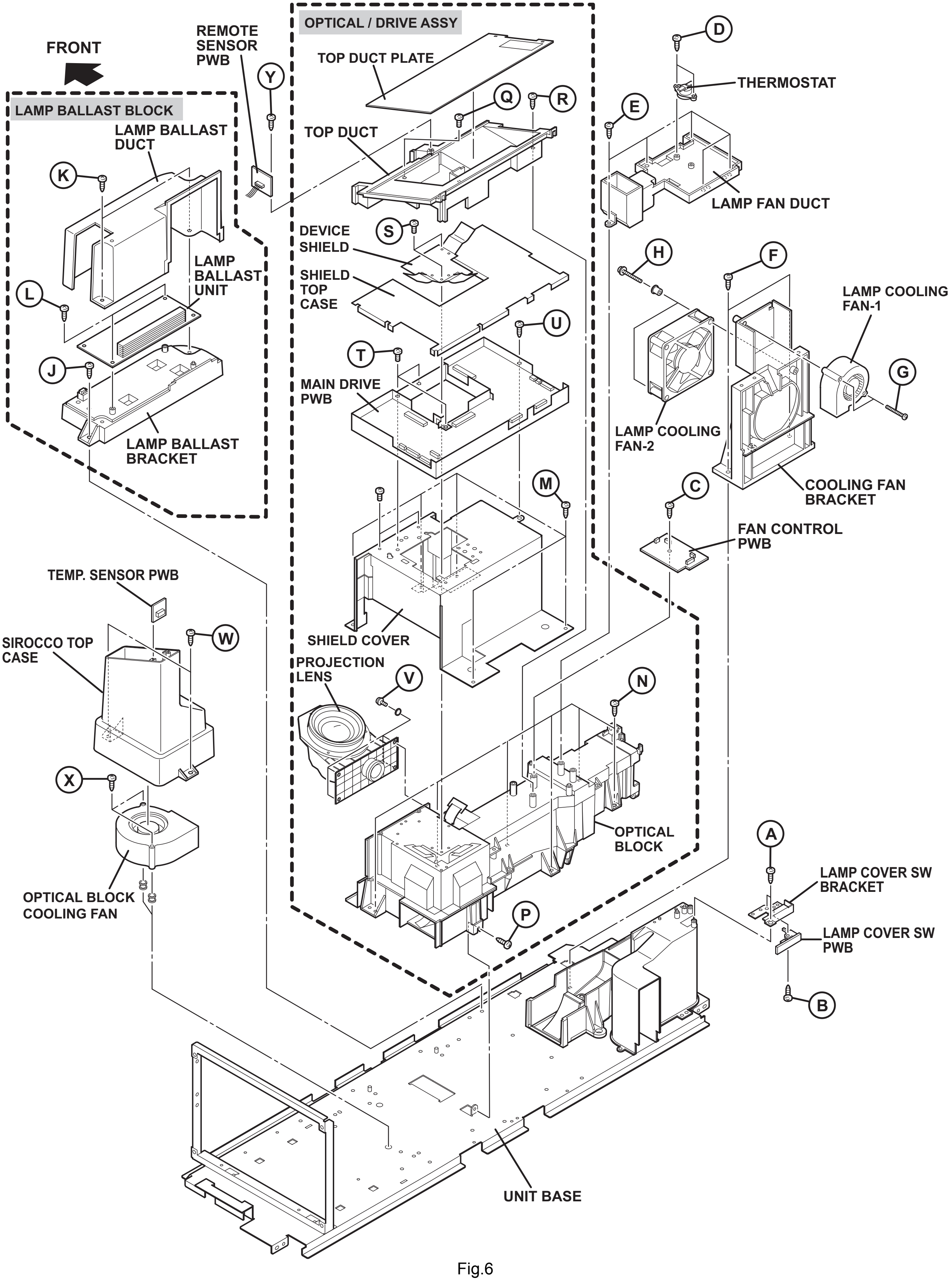

FRONT
LAMP BALLAST BLOCK
LAMP BALLAST DUCT
K
L
LAMP BALLAST UNIT
J
LAMP BALLAST BRACKET
REMOTE SENSOR PWB
Y
OPTICAL / DRIVE ASSY
TOP DUCT PLATE
Q
R
TOP DUCT
S
DEVICE SHIELD
SHIELD TOP CASE
U
T
MAIN DRIVE PWB
M
SHIELD COVER
PROJECTION LENS
V
N
OPTICAL BLOCK
P
D
THERMOSTAT
E
LAMP FAN DUCT
H
F
LAMP COOLING FAN-1
G
LAMP COOLING FAN-2
COOLING FAN BRACKET
C
FAN CONTROL PWB
TEMP. SENSOR PWB
W
SIROCCO TOP CASE
X
OPTICAL BLOCK COOLING FAN
A
LAMP COVER SW BRACKET
LAMP COVER SW PWB
B
UNIT BASE

Fig.6

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC LIST

Simbol	Number of pins	Mounting PWB	Main content of data
IC4003	32-pin	DIGITAL SIGNAL PWB	Progaram(video process) of IC4001(DIST) is memorized.
IC4004	8-pin	DIGITAL SIGNAL PWB	Setting value of IC4001(DIST) is memorized.
IC7002	8-pin	DIGITAL SIGNAL PWB	Setting value of IC7001(SUB [CHASSIS] CPU) is memorized.
IC7602	8-pin	DIGITAL SIGNAL PWB	Setting value of IC7501 (MAIN CPU) is memorized.

3.2.2 MEMORY IC REPLACEMENT PROCEDURE

1. Power off

Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC

Be sure to use the memory IC written with the initial setting values.

3. Power on

Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting

Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting

Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting

Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.3 SERVICE MODE SETTING

■SERVICE MODE SCREEN

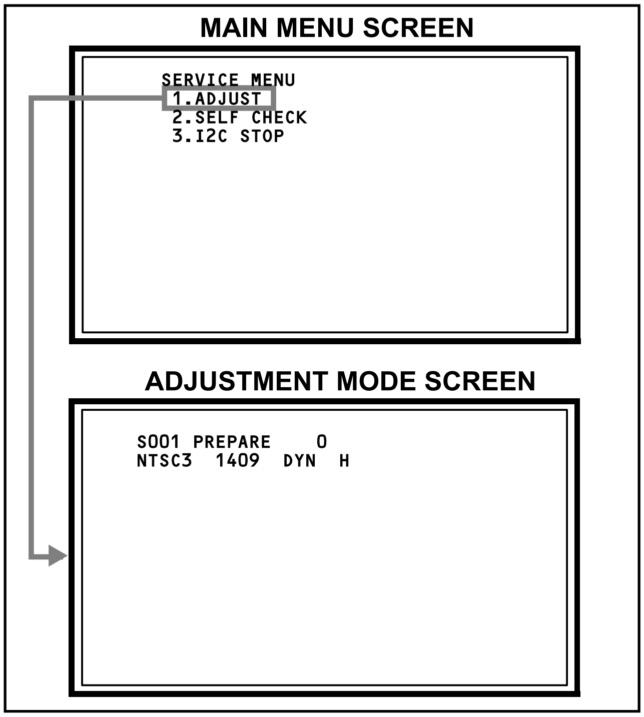


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Fixed	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main CPU system setting	Fixed	Z001 - Z010

3.2.4 SETTINGS OF FACTORY SHIPMENT

3.2.4.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
TV/VIDEO	TV
STANDBY MODE	OFF

3.2.4.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	PANORAMIC
CINEMA	OFF
SUB PICTURE	VIDEO-1

3.2.4.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item		Setting position
PICTURE MODE		BRIGHT
WHITE BALANCE		COOL
FEATURES		
DIGITAL VNR		AUTO (LOW)
Super DigiPure		AUTO
PULL DOWN		AUTO
COLOUR MANAGEMENT		ON
PICTURE MANAGEMENT		ON
SMART PICTURE		OFF
COLOUR SYSTEM	MAIN	Depends on PR/CH
	SUB	AUTO
4:3 AUTO ASPECT		PANORAMIC

(2) SOUND

Setting item	Setting position
STEREO / I•II	Stereo sound
BASS	Centre
TREBLE	Centre
BALANCE	Centre
CINEMA SURROUND	OFF
BBE	ON

(4) FEATURES

Setting item	Setting position
SLEEP TIMER	OFF
CHANNEL GUARD	ID NO.0000, All CH off
APPEARANCE	TYPE D
BLUE BACK	ON
CHILD LOCK	OFF
AUTO SHUTOFF	OFF
FAVORITE SETTING	RESET
ILLUMINATION	BRIGHT

(5) SET UP

Setting item	Setting position
AUTO PROGRAM	TV channel automatically set
EDIT/MANUAL	PRESET CH only
LANGUAGE	ENGLISH
VIDEO-1 SETTING	COMPONENT
VIDEO-3 SETTING	COMPONENT
AI VOLUME	ON
TELETEXT LANGUAGE	GROUP-1
HDMI SETTING	AUTO

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

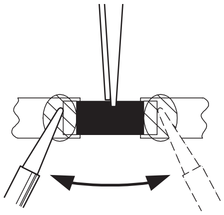
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

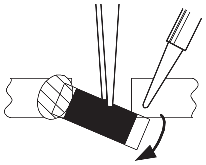
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

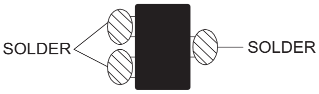


(2) Shift with the tweezers and remove the chip part.

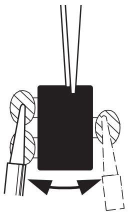


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



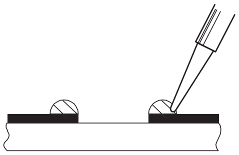
NOTE :

After removing the part, remove remaining solder from the pattern.

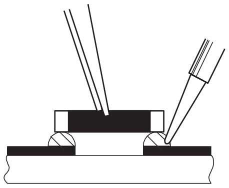
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

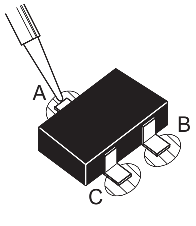


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

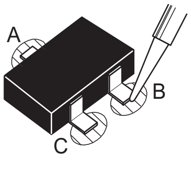


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
PICTURE MODE	STANDARD
PICTURE adjustments	Centre
WHITE BALANCE	MID
DIGITAL VNR	MIN
Super DigiPure	AUTO
PULL DOWN	AUTO
COLOUR MANAGEMENT	ON
PICTURE MANAGEMENT	ON
SOUND adjustments	Centre
BBE	OFF
CINEMA SORROUND	OFF
ZOOM	FULL

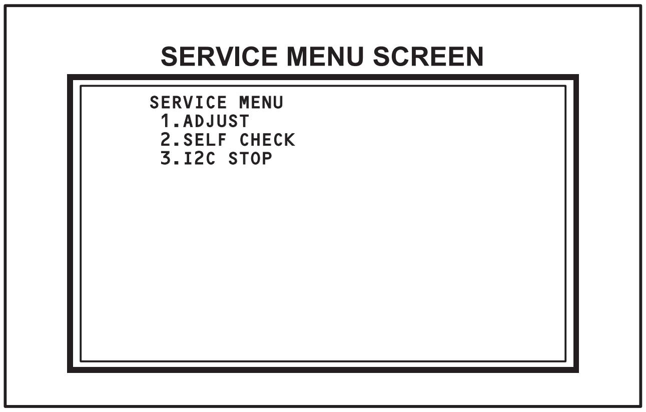
4.3 MEASURING INSTRUMENT AND FIXTURES

- Signal generator (Pattern generator)
  [PAL / 625i / 625p / 1125i(50Hz)]
- Remote control unit

4.4 BASIC OPERATION OF SERVICE MODE

4.4.1 HOW TO ENTER THE SERVICE MODE

(1) Press the **[DISPLAY]** key and **[MUTING]** key simultaneously, to enter the SERVICE MODE.



SERVICE MENU SCREEN

```
SERVICE MENU
 1.ADJUST
 2.SELF CHECK
 3.I2C STOP
```

Fig.1

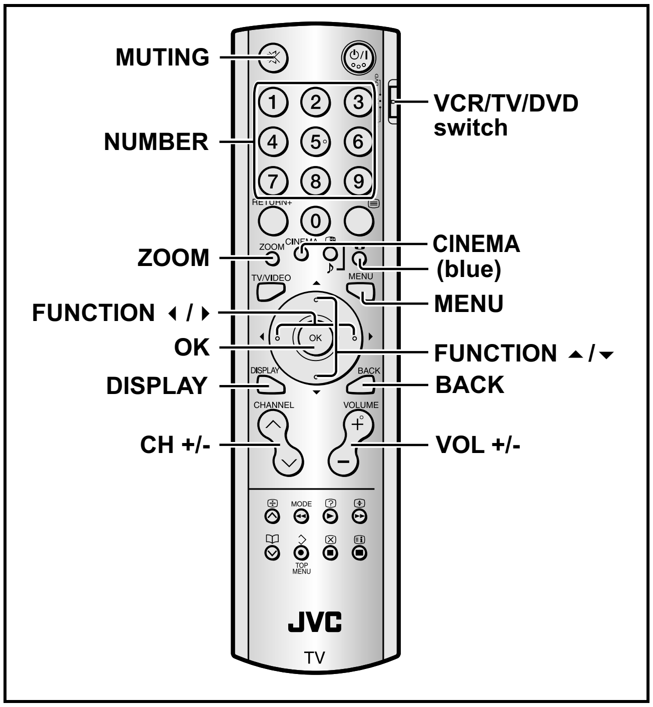
NOTE:

- Before entering the SERVICE MODE, confirm that the setting of **VCR/TV/DVD** switch of the REMOTE CONTROL UNIT is at the "**TV**" side. If the switch has not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the **[1]** or **[9]** keys is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

4.4.2 HOW TO EXIT THE SERVICE MODE

Press the **[BACK]** key to exit the Service mode.

4.4.3 SERVICE MODE SELECT KEY LOCATION



4.4.4 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT.

4.4.4.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[1]** key to enter the **ADJUSTMENT MODE (Fig.2)**.

4.4.4.2 DESCRIPTION OF STATUS DISPLAY OF ADJUSTMENT MODE

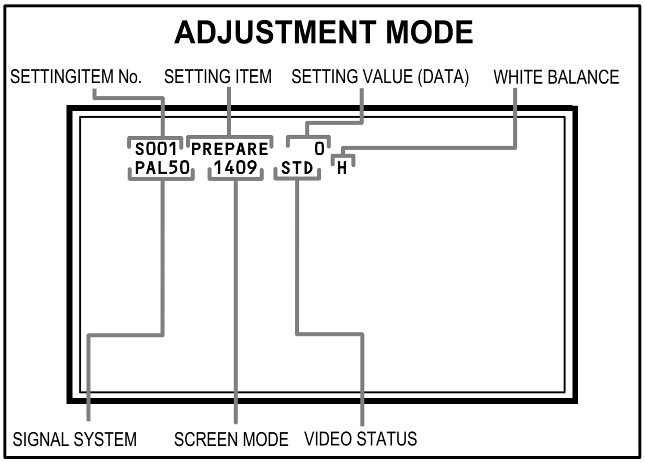


Fig.2

(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

PAL50 : PAL50Hz (Composite / S-video)
PAL60 : PAL60Hz (Composite / S-video)
SECAM : SECAM
NTSC3 : NTSC3.58
NTSC4 : NTSC4.43
525I : 525i (Component)
525P : 525p
625I : 625i (Component)
625P : 625p
1125I5 : 1125i 50Hz
1125I6 : 1125i 60Hz
RGB5 : RGB 525i
RGB6 : RGB 625i
PCVGA : PC (VGA)
PCXGA : PC (XGA)
H525I : HDMI 525i
H525P : HDMI 525p
H625I : HDMI 625i
H625P : HDMI 625p
H750P : HDMI 750p
H125I5 : HDMI 1125i 50Hz
H125I6 : HDMI 1125i 60Hz

(2) ZOOM MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

FULL : FULL
PANO : PANORAMIC
1609 : 16:9 ZOOM
1609S : 16:9 ZOOM SUBTITLE
1409 : 14:9 ZOOM
REGU : REGULAR

MULTI SCREEN

M2 : 2-pictures multi
M12 : 12-pictures multi

(3) PICTURE MODE

STD : STANDARD
BRI : BRIGHT
SOFT : SOFT

(4) WHITE BALANCE

H : COOL
M : MID
L : WARM

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S039	Video system setting
T001 - T010	Audio system setting
P001 - P010	Panel control system setting
D001 - D187	Drive system setting
Z001 - Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.4.4.3 CHANGE AND MEMORY OF SETTING VALUE

■SELECTION OF SETTING ITEM

- **[CH+]** / **[CH-]** key.
  For change the setting items up/ down.

S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

■CHANGE OF SETTING VALUE (DATA)

- **[VOL+]** / **[VOL-]** key.
  For change the setting values up/down.

■MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing **[MUTING]** key.

4.4.5 DESCRIPTION OF STATUS DISPLAY OF RGB BOX PATTERN MODE

This mode is used to adjust the DRIVE CIRCUIT.

4.4.5.1 HOW TO ENTER THE RGB BOX PATTERN MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[9]** key to enter the **RGB BOX PATTERN MODE (Fig3)**.

4.4.5.2 DESCRIPTION OF STATUS DISPLAY OF RGB BOX PATTERN MODE

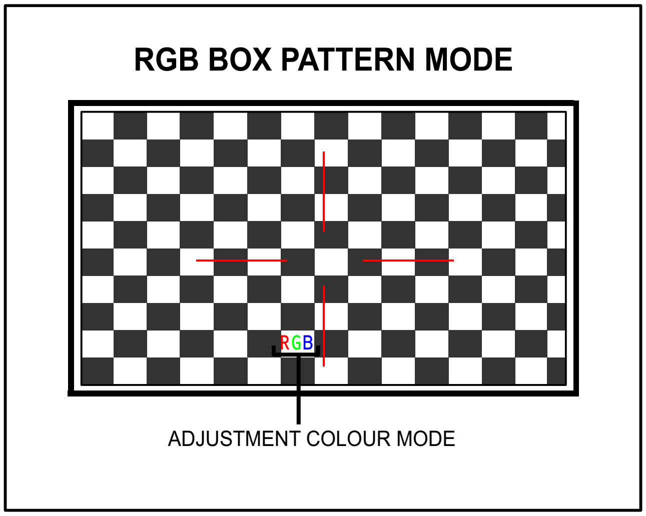


Fig.3

(1) RGB BOX PATTERN

The checkered pattern is displayed. White is a synthesis of RGB.

(2) ADJUSTMENT COLOUR MODE

Presently selected ADJUSTMENT COLOUR MODE is displayed.

■SELECTION OF SETTING ITEM

- **[CH+]** / **[CH-]** key.
  For moving the selected RGB BOX PATTERN up/ down pixel by pixel.

- **[VOL+]** / **[VOL-]** key.
  For moving the selected RGB BOX PATTERN left/ right pixel by pixel.

- **[Blue]** key.
  For resetting the data.

- **[DISPLAY]** key.
  For selecting the ADJUSTMENT COLOUR MODE.

  R → B → RGB

- **[BACK]** key.
  For returning to the SERVICE MENU SCREEN from the RGB BOX PATTERN MODE.

■MEMORY OF SETTING VALUE (DATA)

With the RGB BOX PATTERN MODE, the changed date is written in the MEMORY instantly.

4.5 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.5.1 VIDEO SYSTEM SETTING

Item No.	Item	Variable range	Setting value
S001	PREPARE	0 - 31	0
S002	NTSC BL	0 - 15	0
S003	NTSC CNT	0 - 255	59
S004	NT CR OF	0 - 15	5
S005	NT CB OF	0 - 15	6
S006	525i BL	0 - 15	0
S007	525i CNT	0 - 255	59
S008	5i CB OF	0 - 15	0
S009	5i CR OF	0 - 15	0
S010	5i CR GN	0 - 15	5
S011	5i CB GN	0 - 15	6
S012	HD BL	0 - 63	60
S013	HD CB OF	0 - 63	57
S014	HD CR OF	0 - 63	56
S015	RT CONT	0 - 15	8
S016	RT CB OF	0 - 15	4
S017	RT CR OF	0 - 15	4
S018	RT CL GA	0 - 15	8
S019	PC CL MB	0 - 07	0
S020	PC CL LB	0 - 31	0
S021	PC CL MR	0 - 7	0
S022	PC CL LR	0 - 31	0
S023	(Not display)	0 - 255	0
S024	(Not display)	0 - 255	0
S025	(Not display)	0 - 255	0
S026	(Not display)	0 - 255	0
S027	(Not display)	0 - 255	0
S028	(Not display)	0 - 255	0
S029	(Not display)	0 - 255	0
S030	R DRIVE	0 - 255	107
S031	G DRIVE	0 - 255	128
S032	B DRIVE	0 - 255	94
S033	(Not display)	0 - 255	0
S034	(Not display)	0 - 255	0
S035	(Not display)	0 - 255	0
S036	(Not display)	0 - 255	0
S037	(Not display)	0 - 255	0
S038	(Not display)	0 - 255	0
S039	ILA COM	0 - 1	0

4.5.2 AUDIO SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
T001	IN LEVEL	0 - 255	0
T002	LOW SEP	0 - 255	0
T003	HIGH SEP	0 - 255	0
T004	AFC	0 - 255	4
T005	(Not display)	0 - 255	0
T006	ATT V ON	0 - 1	0
T007	ATT U ON	0 - 1	0
T008	ATT C ON	0 - 1	0
T009	(Not display)	0 - 255	0
T010	(Not display)	0 - 255	0

4.5.3 PANEL CONTOROL SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
P001	TM HOR H	00 - FF	00
P002	TM HOR L	00 - FF	00
P003	TM MIN	00 - FF	00
P004	TEMP	0 - 255	0
P005	(Not display)	0 - 255	0
P006	(Not display)	0 - 255	0
P007	(Not display)	0 - 255	0
P008	(Not display)	0 - 255	0
P009	(Not display)	0 - 255	0
P010	(Not display)	0 - 255	0

4.5.4 DRIVE SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
D001	SLV GN	00 - 3F	00
D002	SLVH GN	00 - 3F	1E
D003	SLH GN	00 - 3F	20
D004	SLV Pf	00 - 03	01
D005	SLH Pf H	00 - 01	01
D006	SLH Pf L	00 - 03	01
D007	SL EGCON	00 - 3F	05
D008	SL EGONF	00 - 01	01
D009	SL CRGON	00 - 3F	05
D010	SL CRGON	00 - 01	01
D011	SL ON OF	00 - 01	01
D012	SV GN	00 - 3F	0E
D013	SVH GN	00 - 3F	14
D014	SH GN	00 - 3F	1C
D015	SV Pf	00 - 03	01
D016	SV PfH	00 - 01	01
D017	SV PfL	00 - 03	02
D018	SYL CON	00 - 3F	28
D019	SYL CONF	00 - 01	01

Item No.	Item	Variable range	Setting value
D020	SYH CON	00 - 3F	28
D021	SYH CONF	00 - 01	01
D022	SC CON	00 - 3F	26
D023	SC CNONF	00 - 01	01
D024	SPM BLC	00 - 3F	02
D025	SPM BLCO	00 - 01	01
D026	SLIM	00 - 3F	38
D027	SLIMONF	00 - 01	01
D028	SCRG	00 - 3F	03
D029	SRGONF	00 - 01	01
D030	S ONF	00 - 01	01
D031	pb GN	00 - 3F	12
D032	pb PfH	00 - 01	00
D033	pb PfL	00 - 03	03
D034	pb CRG	00 - 3F	16
D035	pb CRGON	00 - 01	01
D036	pb ONF	00 - 01	01
D037	pr GN	00 - 3F	12
D038	pr PfH	00 - 01	00
D039	pr PfL	00 - 03	03
D040	pr CRG	00 - 3F	12
D041	pr CRGON	00 - 01	01
D042	pr ONF	00 - 01	01
D043	ENH ONF	00 - 01	01
D044	(Not display)	00 - FF	00
D045	(Not display)	00 - FF	00
D046	(Not display)	00 - FF	00
D047	(Not display)	00 - FF	00
D048	(Not display)	00 - FF	00
D049	(Not display)	00 - FF	00
D050	(Not display)	00 - FF	00
D051	(Not display)	00 - FF	00
D052	(Not display)	00 - FF	00
D053	(Not display)	00 - FF	00
D054	(Not display)	00 - FF	00
D055	(Not display)	00 - FF	00
D056	(Not display)	00 - FF	00
D057	(Not display)	00 - FF	00
D058	(Not display)	00 - FF	00
D059	(Not display)	00 - FF	00
D060	(Not display)	00 - FF	00
D061	(Not display)	00 - FF	00
D062	(Not display)	00 - FF	00
D063	(Not display)	00 - FF	00
D064	(Not display)	00 - FF	00
D065	(Not display)	00 - FF	00
D066	(Not display)	00 - FF	00
D067	(Not display)	00 - FF	00
D068	(Not display)	00 - FF	00
D069	(Not display)	00 - FF	00

Item No.	Item	Variable range	Setting value
D070	(Not display)	00 - FF	00
D071	(Not display)	00 - FF	00
D072	(Not display)	00 - FF	00
D073	(Not display)	00 - FF	00
D074	(Not display)	00 - FF	00
D075	(Not display)	00 - FF	00
D076	(Not display)	00 - FF	00
D077	(Not display)	00 - FF	00
D078	(Not display)	00 - FF	00
D079	(Not display)	00 - FF	00
D080	(Not display)	00 - FF	00
D081	(Not display)	00 - FF	00
D082	(Not display)	00 - FF	00
D083	(Not display)	00 - FF	00
D084	(Not display)	00 - FF	00
D085	(Not display)	00 - FF	00
D086	(Not display)	00 - FF	00
D087	(Not display)	00 - FF	00
D088	(Not display)	00 - FF	00
D089	(Not display)	00 - FF	00
D090	(Not display)	00 - FF	00
D091	(Not display)	00 - FF	00
D092	(Not display)	00 - FF	00
D093	(Not display)	00 - FF	00
D094	(Not display)	00 - FF	00
D095	(Not display)	00 - FF	00
D096	(Not display)	00 - FF	00
D097	(Not display)	00 - FF	00
D098	(Not display)	00 - FF	00
D099	(Not display)	00 - FF	00
D100	(Not display)	00 - FF	00
D101	(Not display)	00 - FF	00
D102	(Not display)	00 - FF	00
D103	(Not display)	00 - FF	00
D104	(Not display)	00 - FF	00
D105	(Not display)	00 - FF	00
D106	(Not display)	00 - FF	00
D107	(Not display)	00 - FF	00
D108	(Not display)	00 - FF	00
D109	(Not display)	00 - FF	00
D110	(Not display)	00 - FF	00
D111	(Not display)	00 - FF	00
D112	(Not display)	00 - FF	00
D113	(Not display)	00 - FF	00
D114	(Not display)	00 - FF	00
D115	(Not display)	00 - FF	00
D116	(Not display)	00 - FF	00
D117	(Not display)	00 - FF	00
D118	(Not display)	00 - FF	00
D119	(Not display)	00 - FF	00

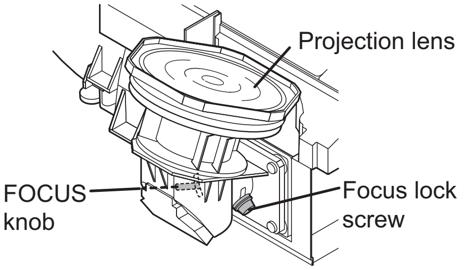
Item No.	Item	Variable range	Setting value
D120	(Not display)	00 - FF	00
D121	(Not display)	00 - FF	00
D122	(Not display)	00 - FF	00
D123	(Not display)	00 - FF	00
D124	(Not display)	00 - FF	00
D125	(Not display)	00 - FF	00
D126	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D128	(Not display)	00 - FF	00
D129	(Not display)	00 - FF	00
D130	(Not display)	00 - FF	00
D131	(Not display)	00 - FF	00
D132	(Not display)	00 - FF	00
D133	(Not display)	00 - FF	00
D134	(Not display)	00 - FF	00
D135	(Not display)	00 - FF	00
D136	(Not display)	00 - FF	00
D137	(Not display)	00 - FF	00
D138	(Not display)	00 - FF	00
D139	(Not display)	00 - FF	00
D140	(Not display)	00 - FF	00
D141	(Not display)	00 - FF	00
D142	(Not display)	00 - FF	00
D143	(Not display)	00 - FF	00
D144	(Not display)	00 - FF	00
D145	(Not display)	00 - FF	00
D146	(Not display)	00 - FF	00
D147	(Not display)	00 - FF	00
D148	(Not display)	00 - FF	00
D149	(Not display)	00 - FF	00
D150	(Not display)	00 - FF	00
D151	(Not display)	00 - FF	00
D152	(Not display)	00 - FF	00
D153	(Not display)	00 - FF	00
D154	(Not display)	00 - FF	00
D155	(Not display)	00 - FF	00
D156	(Not display)	00 - FF	00
D157	(Not display)	00 - FF	00
D158	(Not display)	00 - FF	00
D159	(Not display)	00 - FF	00
D160	(Not display)	00 - FF	00
D161	(Not display)	00 - FF	00
D162	(Not display)	00 - FF	00
D163	(Not display)	00 - FF	00
D164	(Not display)	00 - FF	00
D165	(Not display)	00 - FF	00
D166	(Not display)	00 - FF	00
D167	(Not display)	00 - FF	00
D168	(Not display)	00 - FF	00
D169	(Not display)	00 - FF	00
D170	(Not display)	00 - FF	00
D171	(Not display)	00 - FF	00
D172	(Not display)	00 - FF	00
D173	(Not display)	00 - FF	00
D174	(Not display)	00 - FF	00
D175	(Not display)	00 - FF	00
D176	(Not display)	00 - FF	00
D177	(Not display)	00 - FF	00
D178	(Not display)	00 - FF	00
D179	(Not display)	00 - FF	00
D180	(Not display)	00 - FF	00
D181	(Not display)	00 - FF	00
D182	(Not display)	00 - FF	00
D183	(Not display)	00 - FF	00
D184	(Not display)	00 - FF	00
D185	(Not display)	00 - FF	00
D186	(Not display)	00 - FF	00
D187	(Not display)	00 - FF	00

4.5.5 MAIN CPU SYSTEM SETTING (Fixed values)

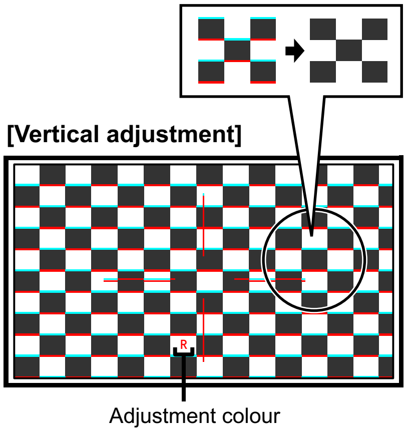
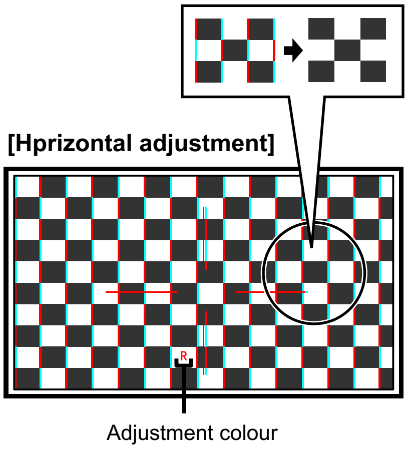
Item No.	Item	Variable range	Setting value
Z001	(Not display)	00 - FF	00
Z002	(Not display)	00 - FF	00
Z003	(Not display)	00 - FF	00
Z004	(Not display)	00 - FF	00
Z005	(Not display)	00 - FF	00
Z006	(Not display)	00 - FF	00
Z007	(Not display)	00 - FF	00
Z008	(Not display)	00 - FF	00
Z009	(Not display)	00 - FF	00
Z010	(Not display)	00 - FF	00

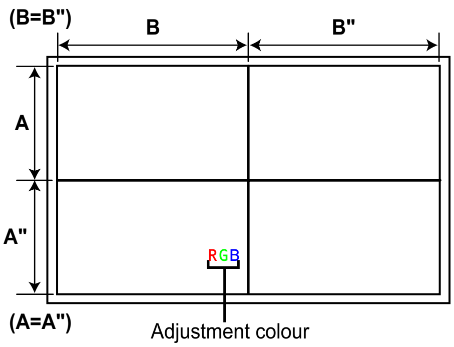
4.6 ADJUSTMENT PROCEDURE

4.6.1 FOCUS

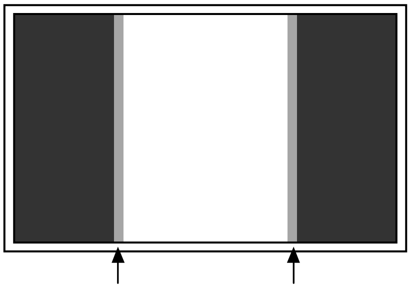
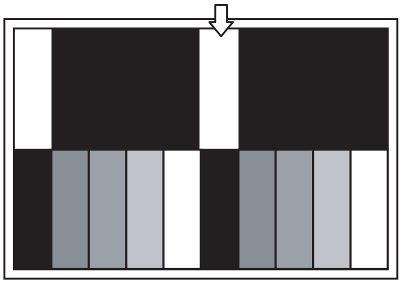
Item	Measuring instrument	Test point	Adjustment part	Description
LENS FOCUS	Hexagon wrench		FOCUS knob [PROJECTION LENS]	(1) Remove the SPEAKER GRILL and CENTRE PANEL. (2) Display the MENU screen. (3) Loosen the focus lock screw. (4) Adjust the **FOCUS knob** so that the CENTRE screen may become the best focus. (5) Fix the focus lock screw by using the Hexagon wrench. • On this occasion, hold the FOCUS knob with your left hand. (6) Confirm the whole focus of the best screen. (7) Install the CENTRE PANEL and SPEAKER GRILL.
				

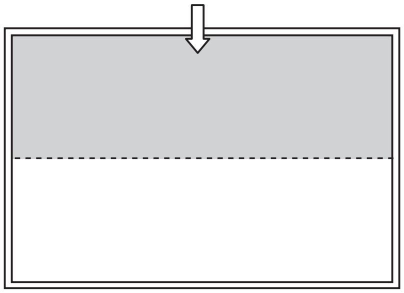
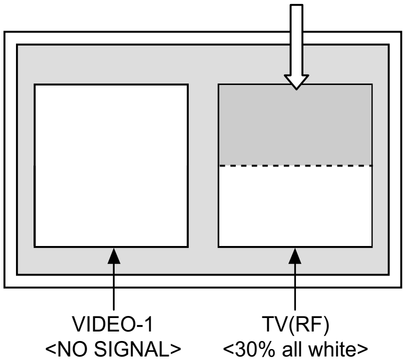
4.6.2 DRIVE CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
DRIVE CONVERGENCE	Remote control unit		[9.RGB BOX PATTERN]	(1) Press the **[DISPLAY]** key and **[MUTING]** key simultaneously, to enter the SERVICE MODE. (2) Press the **[9]** key, to select "**RGB BOX PATTERN MODE**" from the SERVICE MODE. (3) Set the adjustment colour mode to "R" to set the red colour adjustment mode. (4) Adjust to minimize the vertical colour drift of RGB box pattern. (5) Adjust to minimize the horizontal colour drift of RGB box pattern. (6) Set the adjustment colour mode to "B" to set the blue colour adjustment mode. (7) Repeat the step 4. to 5. as above. **NOTE:** • Green is fixed. (It can not be removed.) • With this adjustment mode, the changed data is written in the MEMORY instantly.
 				

Item	Measuring instrument	Test point	Adjustment part	Description
DRIVE CENTRE POSITION	Remote control unit Signal generator		[9.RGB BOX PATTERN]	(1) Receive a centre cross (or crosshatch) pattern. (2) Press the **[DISPLAY]** key and **[MUTING]** key simultaneously, to enter the SERVICE MODE. (3) Press the **[9]** key, to select "**RGB BOX PATTERN MODE**" from the SERVICE MODE. (4) Set the adjustment colour mode to "RGB" to set the display position adjustment mode. (5) Adjust the top and the bottom width to make **A** and **A"** even. (6) Adjust the left and the right width to make **B** and **B"** even. **NOTE:** • With this adjustment mode, the changed data is written in the MEMORY instantly.
 (B=B") B B" A A" RGB (A=A") Adjustment colour				

4.6.3 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
625i A-D OFFSET	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S008: 5i CB OF(625i Cb offset) S009: 5i CR OF(625i Cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 625i component ramp pattern signal. (2) Set PICTURE MODE to "**STANDARD**". (3) Set ZOOM to "**FULL**". (4) Set WHITE BALANCE to "**MID**". (5) Select "**1.ADJUST**" from the SERVICE MODE. (6) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**128**". (7) Set **< S001 >** (adjustment setting mode change) to set "**8**" and it change to the 625i A-D offset adjustment setting mode. (8) Adjust **< S008 >** (625i Cb offset) and **< S009 >** (625i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the centre of the screen. (9) Set **< S001 >** to set "**0**" and it change to the normal mode. (10) Press the **[MUTING]** key to memoirze the set value.
Disappears the color at both ends.				
1125i (50Hz) BRIGHTNESS	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i (50Hz) gray scale pattern signal. (2) Set PICTURE MODE to "**STANDARD**". (3) Set ZOOM to "**FULL**". (4) Set WHITE BALANCE to "**MID**". (5) Select "**1.ADJUST**" from the SERVICE MODE. (6) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**128**". (7) Set **< S001 >** (adjustment setting mode change) to set the values "**12**" and it change to the 1125i black level adjustment setting mode. (8) Adjust **< S012 >** (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set **< S001 >** to set "**0**" and it change to the normal mode. (10) Press the **[MUTING]** key to memoirze the set value.
Set the 0% black part to be brightest. 				

Item	Measuring instrument	Test point	Adjustment part	Description
1125i (50Hz) **A-D OFFSET** Minimize the red and blue noises in the upper half of the screen. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i Cb offset) S014: HD CR OF(1125i Cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i (50Hz) 30% all white pattern signal. (2) Set PICTURE MODE to "**STANDARD**". (3) Set ZOOM to "**FULL**". (4) Set WHITE BALANCE to "**MID**". (5) Select "**1.ADJUST**" from the SERVICE MODE. (6) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**128**". (7) Set **< S001 >** (adjustment setting mode change) to set "**13**" and it change to the 1125i A-D offset adjustment setting mode. (8) Adjust **< S013 >** (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Set **< S014 >** (1125i Cr offset) to minimize the red noise in the upper half of the screen. (10) Set **< S001 >** to set "**0**" and it change to the normal mode. (11) Press the **[MUTING]** key to memoirze the set value.
SUB SCREEN **A-D OFFSET** Set the 0% block part to be brightest. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF (Sub screen Cb offset) S017: RT CR OF (Sub screen Cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Set PICTURE MODE to "**STANDARD**". (2) Set ZOOM" to "**FULL**". (3) Set WHITE BALANCE to "**MID**". (4) Set MULTI SCREEN to "**2 pictures**". (5) Receive a PAL 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal). (6) Select "**1.ADJUST**" from the SERVICE MODE. (7) Set **< S030 >** (R DRIVE), **< S031 >** (G DRIVE) and **< S032 >** (B DRIVE) to "**133**". (8) Set **< S001 >** (adjustment setting mode change) to set "**16**" and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust **< S016 >** (Sub screen Cb offset) to minimize the blue noise in the upper half of the screen. **If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.** (10) Adjust **< S017 >** (Sub screen Cr offset) to minimize the red noise in the upper half of the screen. (11) Readjust **< S016 >** and **< S017 >** to set the upper half of the screen to be the blackest. (12) Set **< S001 >** to set "**0**" and it change to the normal mode. (13) Press the **[MUTING]** key to memoirze the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	(1) Receive a PAL 75% all white signal. (2) Set PICTURE MODE to "**STANDARD**". (3) Set ZOOM to "**FULL**". (4) Set WHITE BALANCE to "**MID**". (5) Select "**1.ADJUST**" from the SERVICE MODE. (6) Adjust to Keep one of **< S030 >** (Red drive), **< S031 >** (Green drive) or **< S032 >** (Blue drive) unchanged, then lower the other two so that the all white screen is equally white throughout. **NOTE:** Set one or more of **< S030 >**, **< S031 >**, and **< S032 >** to "**128**". (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the **[MUTING]** key to memoirze the set value.

SECTION 5
TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I^2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the SERVICE MODE, confirm that the setting of **VCR/TV/ DVD** switch is at the "**TV**" side. If the switch has not been properly set, you cannot enter the SERVICE MODE.

(1) Press the **[DISPLAY]** key and **[MUTING]** key simultaneously, to enter the SERVICE MODE.
(2) Press the **[2]** key, to enter the SELF CHECK MODE.
(3) Press the **[ZOOM]** key to enter Page 2 of the SELF CHECK MODE.
*Use the **[CINEMA]** key to return to Page 1.

NOTE:

When a number key other than the **[2]** key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.
This is not used in the SELF CHECK MODE. Press the **[MENU]** key to return to the MAIN MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

TO SAVE FAILURE HISTORY:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

TO CLEAR (RESET) FAILURE HISTORY:

Turn off the power by pressing the [**POWER]** key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

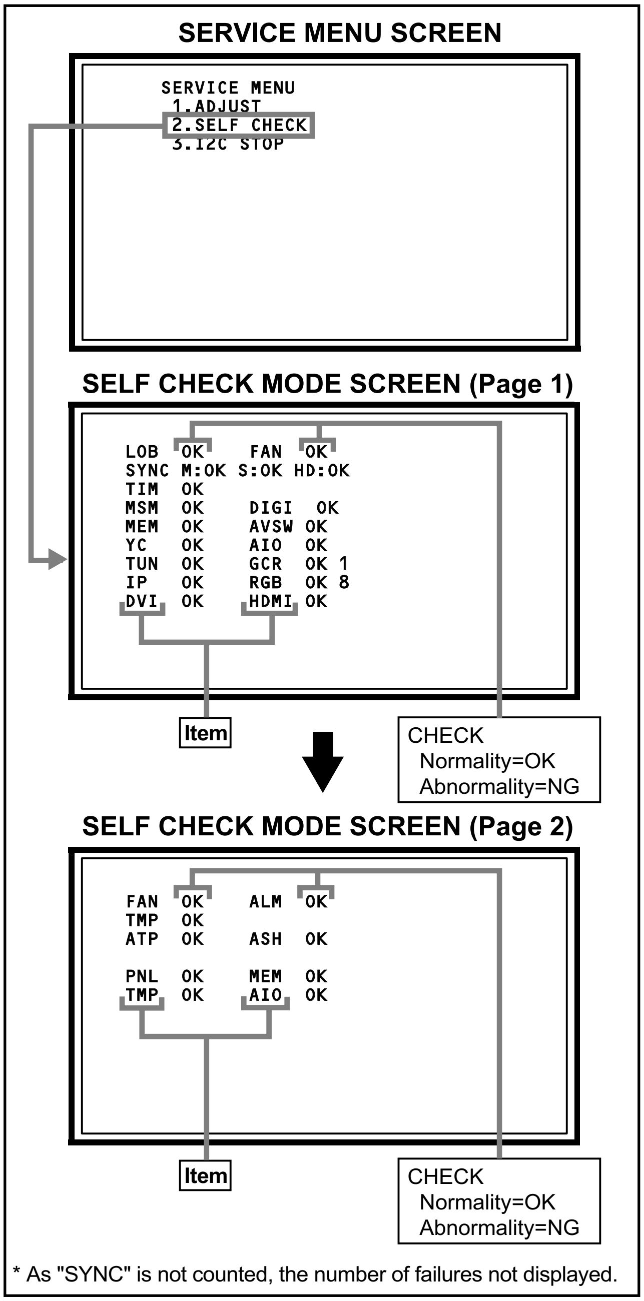
Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I^2C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.



SERVICE MENU SCREEN

```
SERVICE MENU
 1.ADJUST
 2.SELF CHECK
 3.I2C STOP
```

SELF CHECK MODE SCREEN (Page 1)

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:OK
TIM  OK
MSM  OK    DIGI  OK
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  OK 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

SELF CHECK MODE SCREEN (Page 2)

```
FAN  OK    ALM  OK
TMP  OK
ATP  OK    ASH  OK

PNL  OK    MEM  OK
TMP  OK    AIO  OK
```

* As "SYNC" is not counted, the number of failures not displayed.

Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirm the operation of the low bais (5V / 9V) protection circuit. Q2801, Q2802 **[REGULATOR PWB]**	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Fan lock	FAN	Confirm the operation of the cooling fan. IC8005 **[FAN CONTROL PWB]**	FAN_LOCK	Detection starts 3 seconds after the power is turned on. If error continues between 250ms the power is turned off.
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal IC201 **[ANALOG SIGNAL PWB]**	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	---
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with Chassis CPU. IC7501 **[DIGITAL SIGNAL PWB]**	WAKE	If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted.
Digital tuner	DIGI	Not used.	---	---
Main memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. IC7602 **[DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
AV select switch	AVSW	Same as above. IC301, IC501 **[ANALOG SIGNAL PWB]**	SDA	Same as above.
3 dimensions YC separator	YC	Same as above. IC1001 **[DIGITAL SIGNAL PWB]**	SDA	Same as above.
Multi sound process	AIO	Same as above. IC1101 **[RECEIVER PWB]**	SDA	Same as above.
RF tuner	TUN	Same as above. TU1001 **[RECEIVER PWB]**	SDA	Same as above.
Ghost reduction	GCR	Not used.	---	---
DIST process	IP	Confirmation of reply of ACK signal which uses I^2C communication. IC3001 **[DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Same as above. IC4001 **[DIGITAL SIGNAL PWB]**	SDA	Same as above.
DVI (Digital communication)	DVI	Not used.	---	---
Digital input	HDMI	Confirmation of reply of ACK signal which uses I^2C communication.	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.

< Page 2 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Not used.	---	---
Abnormal of operation of PANEL	ALM	Not used.	---	---
Abnormal rise oftemperature in PANEL	TMP	Not used.	---	---
Abnormal rise of temperature in AUDIO PWB	ATP	Not used.	---	---
Short circuit detection of AUDIO PWB	ASH	Not used.	---	---
Panel communication	PNL	Not used.	---	---
Sub memory	MEM	Not used.	---	---
Temp. sensor	TMP	Not used.	---	---
Audio control	AIO	Not used.	---	---

5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

In a state where a display screen does not appear due to the failure of this unit, the POWER LED (blue) and LAMP LED (orange) can light up and display a trouble mode.

The factors in case the power is forcibly shut down at the time of failure are memorized and those are displayed.

Check item	Contents	Classifications	LED flash cycle	
			POWER LED	LAMP LED
Lamp does not light up	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) CN311 **[MAIN DRIVE PWB]**	3	0.1 sec interval Simultaneously	
Lamp goes out	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) CN311 **[MAIN DRIVE PWB]**	3	0.1 sec interval Simultaneously	
Lamp cover open	Detection of the interlock switch status for the lamp cover. (H = Abnormal) S0201 **[LAMP COVER SW PWB]**	3	0.1 sec interval Simultaneously	
Abnormal DD CPU circuit	Detection of serial communication error between MAIN DRIVE PWB and RECEIVER PWB. IC3701 **[MAIN DRIVE PWB]**	2	----------	0.5 sec interval
Fan lock (stop)	Detection of LOCK signals outputting the operation (circuit) status of the cooling fan. (H=Abnormal) IC8005 **[FAN CONTROL PWB]**	1	0.5 sec interval Alternately	
Abnormal D-ILA DEVICE temperature	Detection of abnormal inner cabinet temperature. (53°C) IC2001 **[TEMP. SENSOR PWB]**	1	0.5 sec interval Alternately	

EXPLANATION ON ACTION

If NG is detected on an item being diagnosed, turn off the power on this unit. As soon as the power goes off, turn on and off POWER LED and LAMP LED immediately. After the power is shut down, it becomes impossible to turn on the power until the power cable is either plugged in or unplugged from the AC outlet.

- When [1] and [3] take place at the same time, give priority to [1], and [2] will not take place simultaneously with [1] and [3].

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AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

REAR PROJECTION TELEVISION

HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S, HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S

CD-ROM No.SML200511

BASIC CHASSIS
RP4

HD-ILA™ Powered by D-ILA
DynaPiX Powered by D.I.S.T.
HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE
CINEMA SURROUND
BBE

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No.YA338
2005/11

HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S,
HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal : Colour bar signal

(2)Setting positions of each knob/button and variable resistor : Original setting position when shipped

(3)Internal resistance of tester : DC 20kΩ/V

(4)Oscilloscope sweeping time : H ⇒ 20μs / div
: V ⇒ 5ms / div
: Otthers ⇒ Sweeping time is specified

(5)Voltage values : All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit : [Ω]
K : [kΩ]
M : [MΩ]

● Rated allowable power

No indication : 1/16 [W]
Others : As specified

● Type

No indication : Carbon resistor
OMR : Oxide metal film resistor
MFR : Metal film resistor
MPR : Metal plate resistor
UNFR : Uninflammable resistor
FR : Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher : [pF]
less than 1 : [μF]

● Withstand voltage

No indication : DC50[V]
Others : DC withstand voltage [V]
AC indicated : AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication : Ceramic capacitor
MM : Metalized mylar capacitor
PP : Polypropylene capacitor
MPP : Metalized polypropylene capacitor
MF : Metalized film capacitor
TF : Thin film capacitor
BP : Bipolar electrolytic capacitor
TAN : Tantalum capacitor

(3)Coils

No unit : [μH]
Others : As specified

(4)Power Supply

═══ : B1
▬▬▬▬ : B2 (12V)
■□■□ : 9V
□□□□ : 5V

∗Respective voltage values are indicated

(5)Test point

◉ : Test point
○ : Only test point display

(6)Connecting method

▭ : Connector
○ : Wrapping or soldering
→≻— →⊁— : Receptacle

(7)Ground symbol

⊥ : LIVE side ground
⏊ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏊) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time.
If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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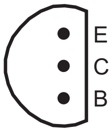
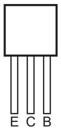
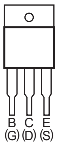
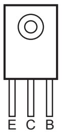
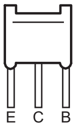
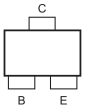
USING P.W. BOARD

P.W.B ASS'Y name	HD-Z56RX5	HD-Z56RX5/A	HD-Z56RX5/S
ANALOG SIGNAL P.W. BOARD	LCA10621-01A (SRP-1501A)	←	←
REGULATOR P.W. BOARD	LCA90462-05C (SRP-2501A)	←	←
MAIN DRIVE P.W. BOARD	LCA90563-02B (SRP-3012A)	←	←
REMOTE SENSOR P.W. BOARD	LCA90578-01B (SRP-8007A)	←	←
FAN CONTROL P.W. BOARD	LCA90502-02A (SRP-8110A)	←	←
TEMP SENSOR P.W. BOARD	LCA90529-01B (SRP-8209A)	←	←
POWER P.W. BOARD	LCA90461-05D (SRP-9501A)	←	←
DIGITAL SIGNAL P.W. BOARD	LCA10557-22B (SRP-0D502A)	←	←
REAR JACK P.W. BOARD	LCA90580-01B (SRP-0J501A)	←	←
SIDE CONTROL P.W. BOARD	LCA90562-01A (SRP-0L051A)	←	←
LAMP COVER SW P.W. BOARD	LCA90591-01A (SRP-0L206A)	←	←
FRONT LED P.W. BOARD	LCA90579-01A (SRP-0L501A)	←	←
RECEIVER P.W. BOARD	LCA90547-01B (SRP-0R501A)	←	←

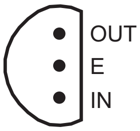
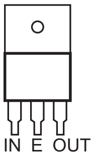
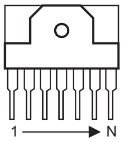
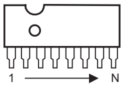
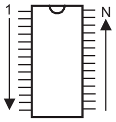
P.W.B ASS'Y name	HD-Z70RX5	HD-Z70RX5/A	HD-Z70RX5/S
ANALOG SIGNAL P.W. BOARD	LCA10621-01A (SRP-1501A)	←	←
REGULATOR P.W. BOARD	LCA90462-05C (SRP-2501A)	←	←
MAIN DRIVE P.W. BOARD	LCA90563-02B (SRP-3012A)	←	←
REMOTE SENSOR P.W. BOARD	LCA90578-01B (SRP-8007A)	←	←
FAN CONTROL P.W. BOARD	LCA90502-02A (SRP-8110A)	←	←
TEMP SENSOR P.W. BOARD	LCA90529-01B (SRP-8209A)	←	←
POWER P.W. BOARD	LCA90461-05D (SRP-9501A)	←	←
DIGITAL SIGNAL P.W. BOARD	LCA10557-21B (SRP-0D501A)	←	←
REAR JACK P.W. BOARD	LCA90580-01B (SRP-0J501A)	←	←
SIDE CONTROL P.W. BOARD	LCA90562-01A (SRP-0L051A)	←	←
LAMP COVER SW P.W. BOARD	LCA90591-01A (SRP-0L206A)	←	←
FRONT LED P.W. BOARD	LCA90579-01A (SRP-0L501A)	←	←
RECEIVER P.W. BOARD	LCA90547-01B (SRP-0R501A)	←	←

SEMICONDUCTOR SHAPES

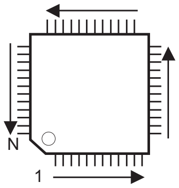
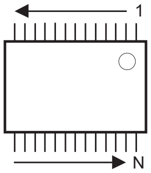
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

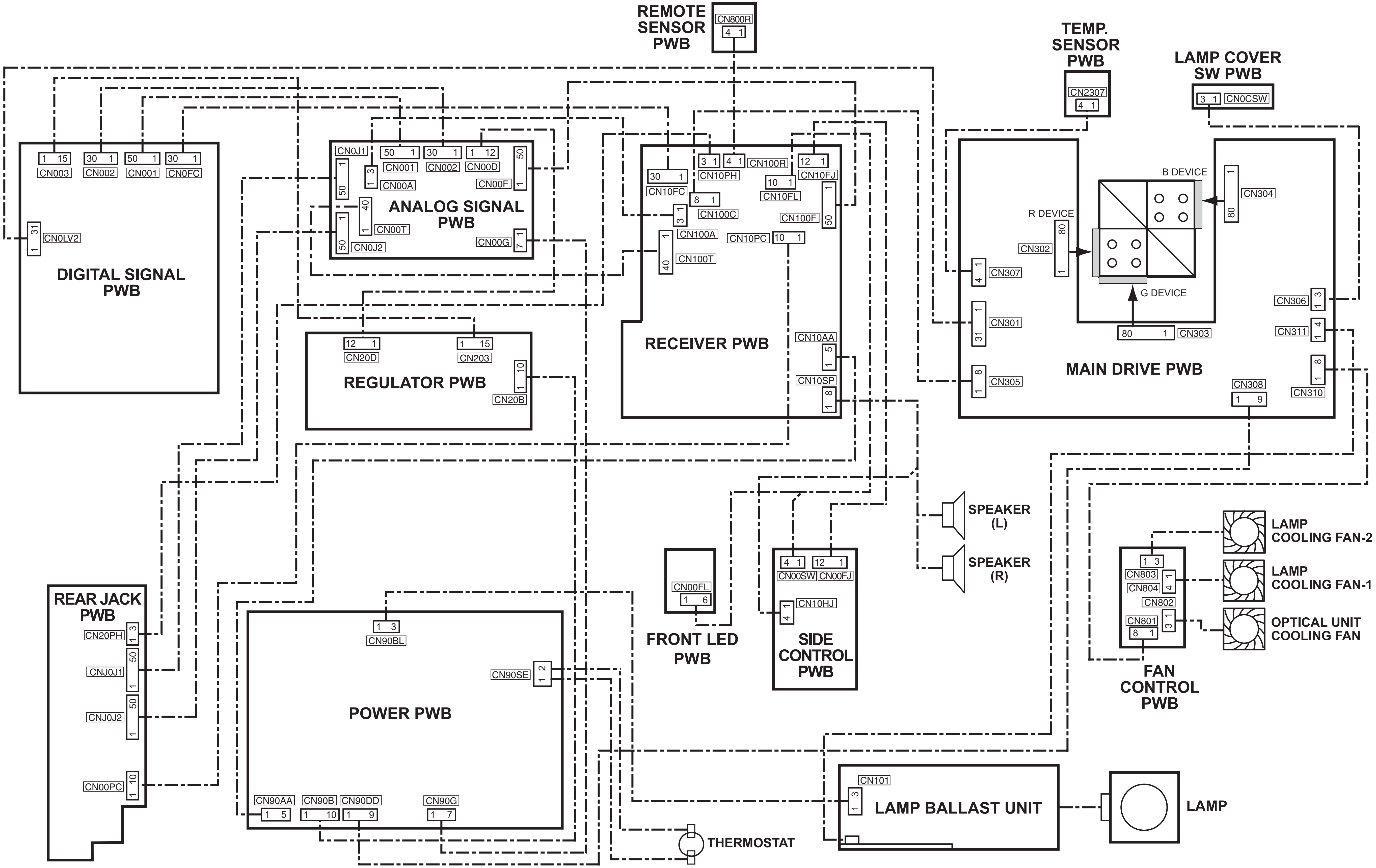
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

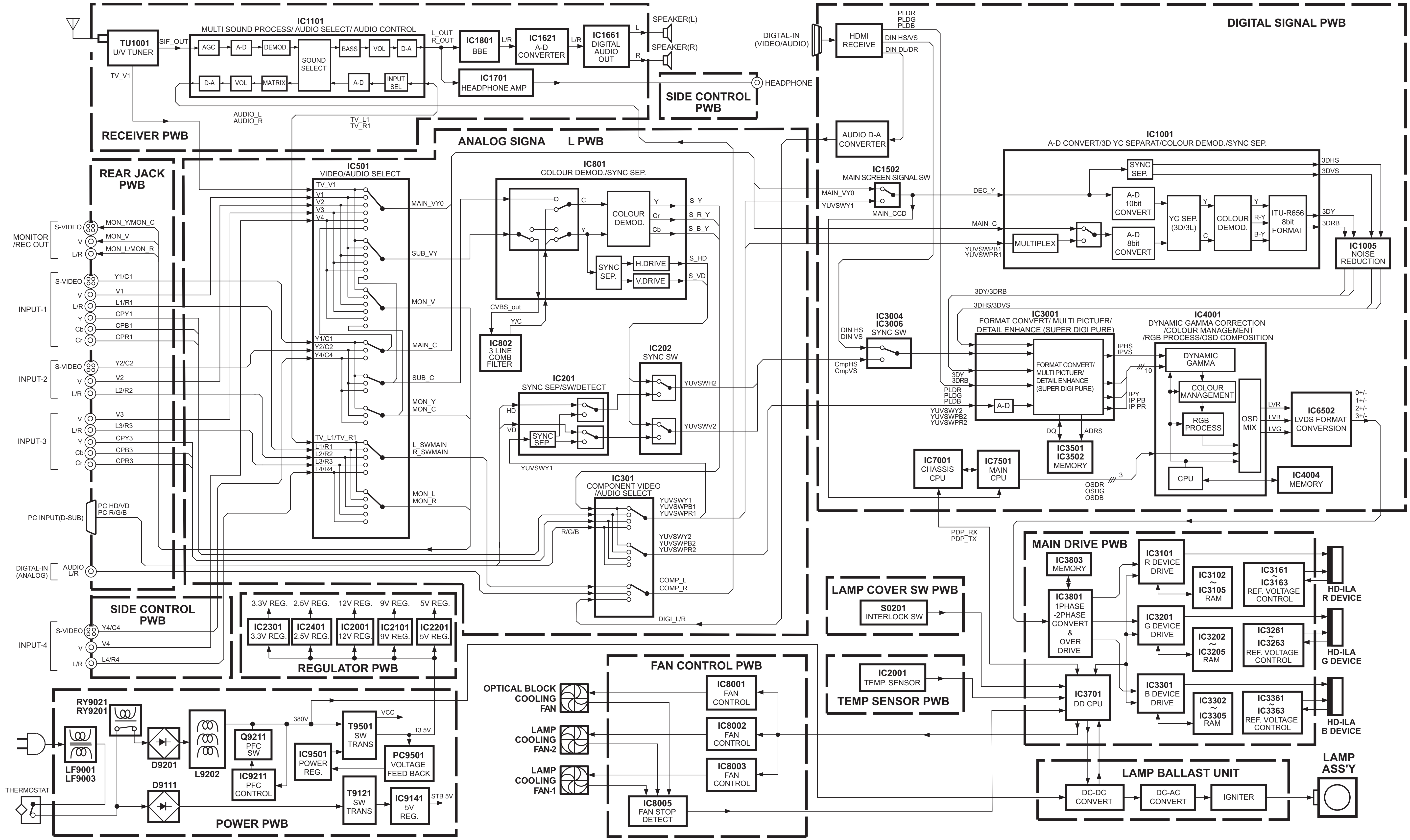
CHIP IC

TOP VIEW		
		

WIRING DIAGRAM

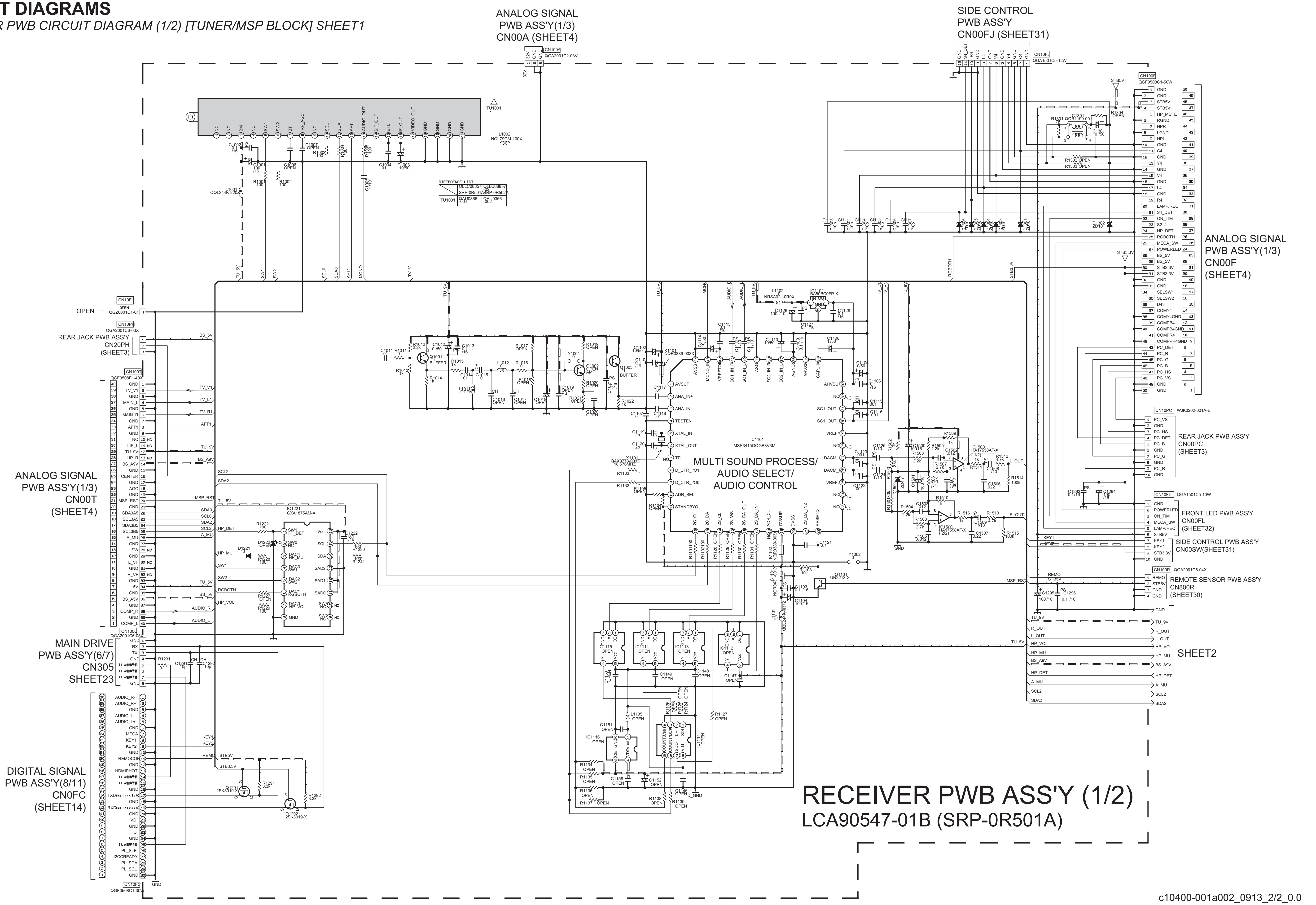

REMOTE SENSOR PWB
CN800R
TEMP. SENSOR PWB
CN2307
LAMP COVER SW PWB
CN0CSW
DIGITAL SIGNAL PWB
CN003
CN002
CN001
CN0FC
CN0LV2
ANALOG SIGNAL PWB
CN0J1
CN001
CN002
CN00D
CN00A
CN00F
CN00T
CN0J2
CN00G
RECEIVER PWB
CN10FC
CN10PH
CN100R
CN10FJ
CN10FL
CN100C
CN100F
CN100A
CN10PC
CN100T
CN10AA
CN10SP
REGULATOR PWB
CN20D
CN203
CN20B
MAIN DRIVE PWB
B DEVICE
R DEVICE
G DEVICE
CN302
CN304
CN307
CN301
CN303
CN305
CN306
CN311
CN308
CN310
SPEAKER (L)
SPEAKER (R)
LAMP COOLING FAN-2
LAMP COOLING FAN-1
OPTICAL UNIT COOLING FAN
FAN CONTROL PWB
CN803
CN804
CN802
CN801
REAR JACK PWB
CN20PH
CNJ0J1
CNJ0J2
CN00PC
POWER PWB
CN90BL
CN90SE
CN90AA
CN90B
CN90DD
CN90G
FRONT LED PWB
CN00FL
SIDE CONTROL PWB
CN00SW
CN00FJ
CN10HJ
THERMOSTAT
LAMP BALLAST UNIT
CN101
LAMP

BLOCK DIAGRAM


RECEIVER PWB
TU1001
U/V TUNER
SIF_OUT
TV_V1
IC1101
MULTI SOUND PROCESS/ AUDIO SELECT/ AUDIO CONTROL
AGC
A-D
DEMOD.
SOUND SELECT
BASS
VOL
D-A
D-A
VOL
MATRIX
A-D
INPUT SEL
L_OUT
R_OUT
IC1801
BBE
L/R
IC1621
A-D CONVERTER
L/R
IC1661
DIGITAL AUDIO OUT
L
R
SPEAKER(L)
SPEAKER(R)
IC1701
HEADPHONE AMP
HEADPHONE
SIDE CONTROL PWB
AUDIO_L
AUDIO_R
TV_L1
TV_R1
ANALOG SIGNA L PWB
REAR JACK PWB
MONITOR /REC OUT
S-VIDEO
V
L/R
MON_Y/MON_C
MON_V
MON_L/MON_R
INPUT-1
Y1/C1
V1
L1/R1
Y
Cb
Cr
CPY1
CPB1
CPR1
INPUT-2
Y2/C2
V2
L2/R2
INPUT-3
V3
L3/R3
CPY3
CPB3
CPR3
PC INPUT(D-SUB)
PC HD/VD
PC R/G/B
DIGTAL-IN (ANALOG)
AUDIO L/R
IC501
VIDEO/AUDIO SELECT
TV_V1
V1
V2
V3
V4
Y1/C1
Y2/C2
Y4/C4
TV_L1/TV_R1
L1/R1
L2/R2
L3/R3
L4/R4
MAIN_VY0
SUB_VY
MON_V
MAIN_C
SUB_C
MON_Y
MON_C
L_SWMAIN
R_SWMAIN
MON_L
MON_R
IC801
COLOUR DEMOD./SYNC SEP.
C
Y
COLOUR DEMOD.
Y
Cr
Cb
S_Y
S_R_Y
S_B_Y
SYNC SEP.
H.DRIVE
V.DRIVE
S_HD
S_VD
CVBS_out
Y/C
IC802
3 LINE COMB FILTER
IC201
SYNC SEP/SW/DETECT
HD
VD
SYNC SEP.
YUVSWY1
IC202
SYNC SW
YUVSWH2
YUVSWV2
IC301
COMPONENT VIDEO /AUDIO SELECT
R/G/B
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
COMP_L
COMP_R
DIGI_L/R
SIDE CONTROL PWB
INPUT-4
S-VIDEO
V
L/R
Y4/C4
V4
L4/R4
3.3V REG.
2.5V REG.
12V REG.
9V REG.
5V REG.
IC2301
3.3V REG.
IC2401
2.5V REG.
IC2001
12V REG.
IC2101
9V REG.
IC2201
5V REG.
REGULATOR PWB
RY9021
RY9201
LF9001
LF9003
D9201
L9202
Q9211
PFC SW
IC9211
PFC CONTROL
380V
T9501
SW TRANS
VCC
13.5V
IC9501
POWER REG.
PC9501
VOLTAGE FEED BACK
THERMOSTAT
D9111
T9121
SW TRANS
IC9141
5V REG.
STB 5V
POWER PWB
OPTICAL BLOCK COOLING FAN
LAMP COOLING FAN-2
LAMP COOLING FAN-1
FAN CONTROL PWB
IC8001
FAN CONTROL
IC8002
FAN CONTROL
IC8003
FAN CONTROL
IC8005
FAN STOP DETECT
DIGITAL SIGNAL PWB
DIGITAL-IN (VIDEO/AUDIO)
HDMI RECEIVE
PLDR
PLDG
PLDB
DIN HS/VS
DIN DL/DR
AUDIO D-A CONVERTER
IC1502
MAIN SCREEN SIGNAL SW
MAIN_VY0
YUVSWY1
MAIN_CCD
IC1001
A-D CONVERT/3D YC SEPARAT/COLOUR DEMOD./SYNC SEP.
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
MULTIPLEX
SYNC SEP.
A-D 10bit CONVERT
A-D 8bit CONVERT
YC SEP. (3D/3L)
Y
C
COLOUR DEMOD.
Y
R-Y
B-Y
ITU-R656 8bit FORMAT
3DHS
3DVS
3DY
3DRB
IC1005
NOISE REDUCTION
3DY/3DRB
3DHS/3DVS
IC3004
IC3006
SYNC SW
DIN HS
DIN VS
CmpHS
CmpVS
IC3001
FORMAT CONVERT/ MULTI PICTUER/ DETAIL ENHANCE (SUPER DIGI PURE)
3DY
3DRB
PLDR
PLDG
PLDB
YUVSWY2
YUVSWPB2
YUVSWPR2
A-D
FORMAT CONVERT/ MULTI PICTUER/ DETAIL ENHANCE (SUPER DIGI PURE)
IPHS
IPVS
10
IPY
IP PB
IP PR
DQ
ADRS
IC3501
IC3502
MEMORY
IC4001
DYNAMIC GAMMA CORRECTION /COLOUR MANAGEMENT /RGB PROCESS/OSD COMPOSITION
DYNAMIC GAMMA
COLOUR MANAGEMENT
RGB PROCESS
OSD MIX
CPU
LVR
LVB
LVG
IC6502
LVDS FORMAT CONVERSION
0+/-
1+/-
2+/-
3+/-
IC4004
MEMORY
IC7001
CHASSIS CPU
IC7501
MAIN CPU
OSDR
OSDG
OSDB
3
PDP_RX
PDP_TX
MAIN DRIVE PWB
IC3803
MEMORY
IC3801
1PHASE -2PHASE CONVERT & OVER DRIVE
IC3101
R DEVICE DRIVE
IC3102 ~ IC3105
RAM
IC3161 ~ IC3163
REF. VOLTAGE CONTROL
HD-ILA R DEVICE
IC3201
G DEVICE DRIVE
IC3202 ~ IC3205
RAM
IC3261 ~ IC3263
REF. VOLTAGE CONTROL
HD-ILA G DEVICE
IC3701
DD CPU
IC3301
B DEVICE DRIVE
IC3302 ~ IC3305
RAM
IC3361 ~ IC3363
REF. VOLTAGE CONTROL
HD-ILA B DEVICE
LAMP COVER SW PWB
S0201
INTERLOCK SW
IC2001
TEMP. SENSOR
TEMP SENSOR PWB
LAMP BALLAST UNIT
DC-DC CONVERT
DC-AC CONVERT
IGNITER
LAMP ASS'Y

CIRCUIT DIAGRAMS

RECEIVER PWB CIRCUIT DIAGRAM (1/2) [TUNER/MSP BLOCK] SHEET1


ANALOG SIGNAL PWB ASS'Y(1/3) CN00A (SHEET4)
SIDE CONTROL PWB ASS'Y CN00FJ (SHEET31)
CN100A QGA2001C2-03V
CN10FJ QGA1501C5-12W
TU1001
L1002 NQL79GM-100X
L1001 QQL244K-2202
DIFFERENCE LIST
TU1001
QAU0366-001
QAU0366-002
SRP-0R501A
SRP-0R502A
OPEN
CN10E1 QGZ8001C1-08
CN10P9 QGA2001C6-03X
REAR JACK PWB ASS'Y CN20PH (SHEET3)
CN100T QGF0508F1-40X
ANALOG SIGNAL PWB ASS'Y(1/3) CN00T (SHEET4)
CN100C QGA2001C6-08
MAIN DRIVE PWB ASS'Y(6/7) CN305 SHEET23
DIGITAL SIGNAL PWB ASS'Y(8/11) CN0FC (SHEET14)
CN10FC QGF0508C1-30W
IC1221 CXA1875AM-X
Q1001 BUFFER
Q1002 SAW AMP
Q1003 BUFFER
X1101 QAX0773-001Z 18.432MHz
IC1101 MSP3415GQGB8V3M
MULTI SOUND PROCESS/ AUDIO SELECT/ AUDIO CONTROL
IC1102 BA80BC0FP-X
L1102 NRSA02J-0R0X
K1101 NQR0389-003X
IC1500 HA17558AF-X
Q1101 UN2213-X
Y1002
IC1115 OPEN
IC1114 OPEN
IC1113 OPEN
IC1112 OPEN
IC1116 OPEN
IC1111 OPEN
Q1291 2SK3019-X
Q1292 2SK3019-X
CN100F QGF0508C1-50W
ANALOG SIGNAL PWB ASS'Y(1/3) CN00F (SHEET4)
CN10PC WJK0202-001A-E
REAR JACK PWB ASS'Y CN00PC (SHEET3)
CN10FL QGA1501C5-10W
FRONT LED PWB ASS'Y CN00FL (SHEET32)
SIDE CONTROL PWB ASS'Y CN00SW(SHEET31)
CN100R QGA2001C6-04X
REMOTE SENSOR PWB ASS'Y CN800R (SHEET30)
SHEET2
RECEIVER PWB ASS'Y (1/2)
LCA90547-01B (SRP-0R501A)

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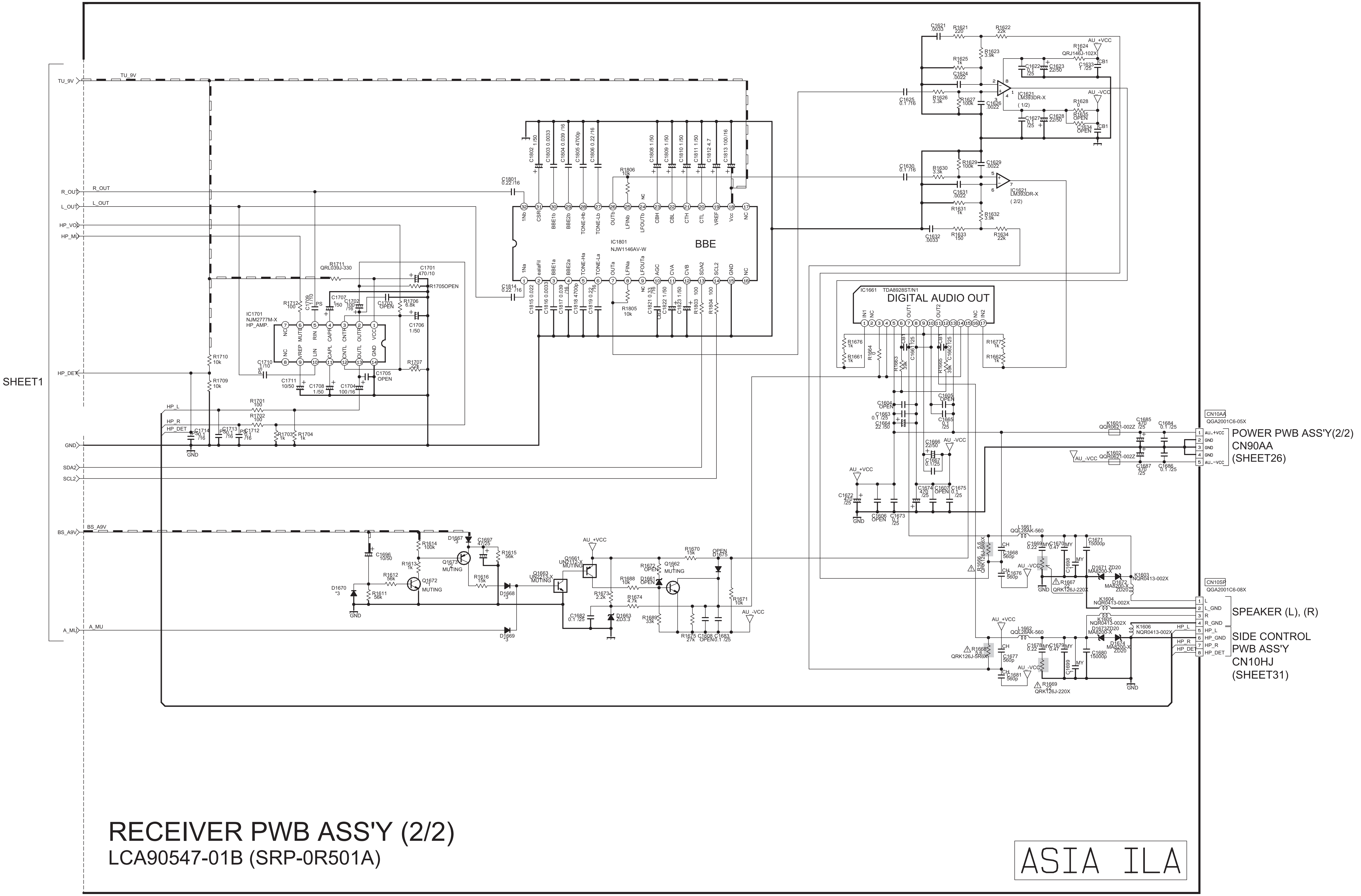
RECEIVER PWB CIRCUIT DIAGRAM (2/2) [AUDIO AMP/BBE BLOCK] SHEET 2


TU_9V
R_OUT
L_OUT
HP_VO
HP_MI
HP_DET
SHEET1
GND
SDA2
SCL2
BS_A9V
A_MU
IC1801
NJW1146AV-W
BBE
IC1701
NJM2777M-X
HP_AMP.
IC1621
LM393DR-X
(1/2)
(2/2)
IC1661 TDA8928ST/N1
DIGITAL AUDIO OUT
AU_+VCC
AU_-VCC
MUTING
CN10AA
QGA2001C6-05X
POWER PWB ASS'Y(2/2)
CN90AA
(SHEET26)
CN10SP
QGA2001C6-08X
SPEAKER (L), (R)
SIDE CONTROL
PWB ASS'Y
CN10HJ
(SHEET31)
L
L_GND
R
R_GND
HP_L
HP_GND
HP_R
HP_DET
L1661 QQL28AK-560
L1662 QQL28AK-560
K1601 QQR0621-002Z
K1602 QQR0621-002Z
K1603 NQR0413-002X
K1604 NQR0413-002X
K1605 NQR0413-002X
K1606 NQR0413-002X
R1711 QRL039J-330
R1624 QRJ146J-102X
R1667 QRK126J-220X
R1669 QRK126J-220X
R1668 QRK126J-5R6X
Q1661 UN5215-X
Q1663 UN5213-X
Q1662
Q1672
Q1673
D1663 ZD3.3
D1671 MA8200-X
D1672 MA8200-X
D1673 MA8200-X
D1674 MA8200-X
ZD20

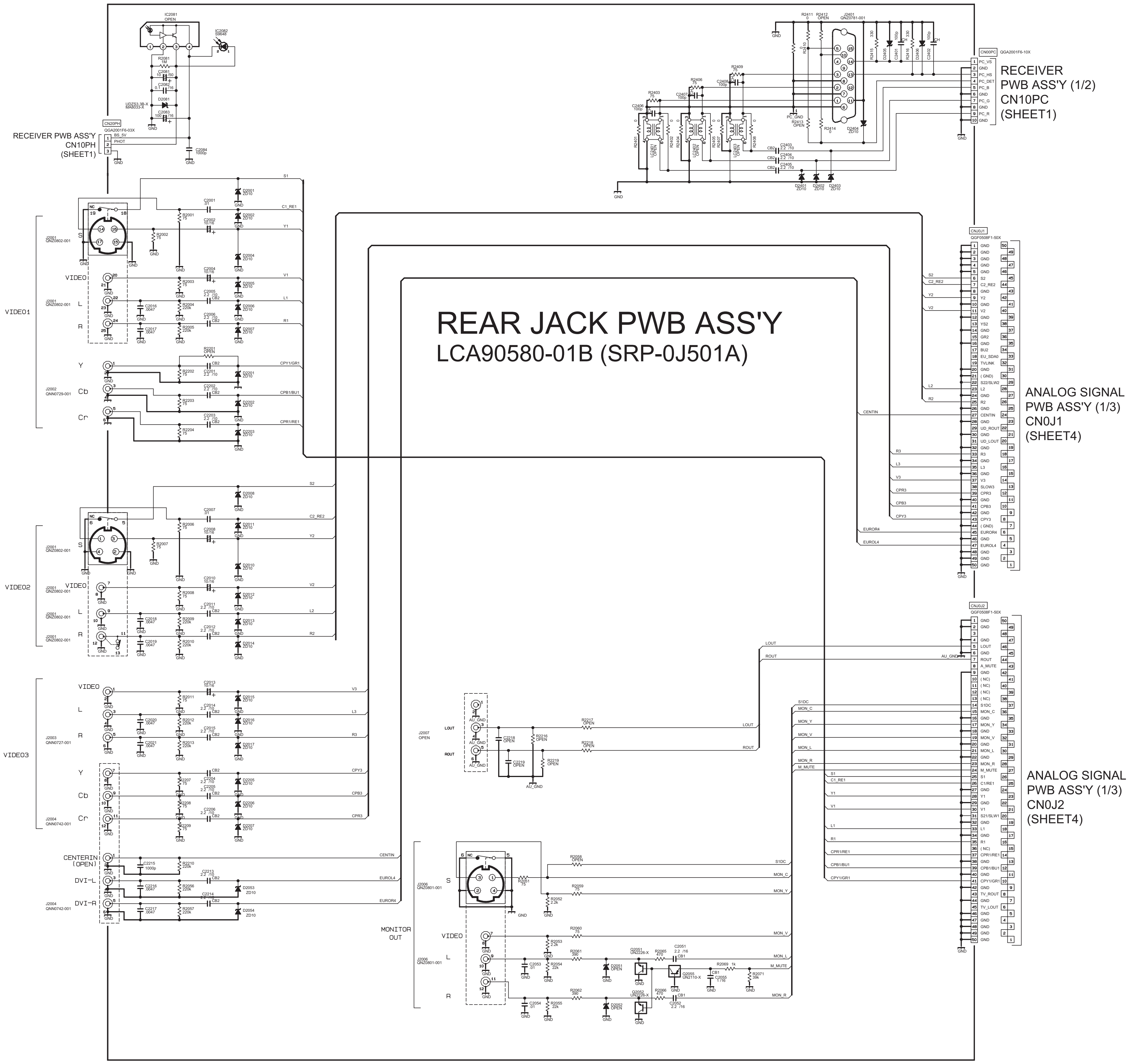
RECEIVER PWB ASS'Y (2/2)

LCA90547-01B (SRP-0R501A)

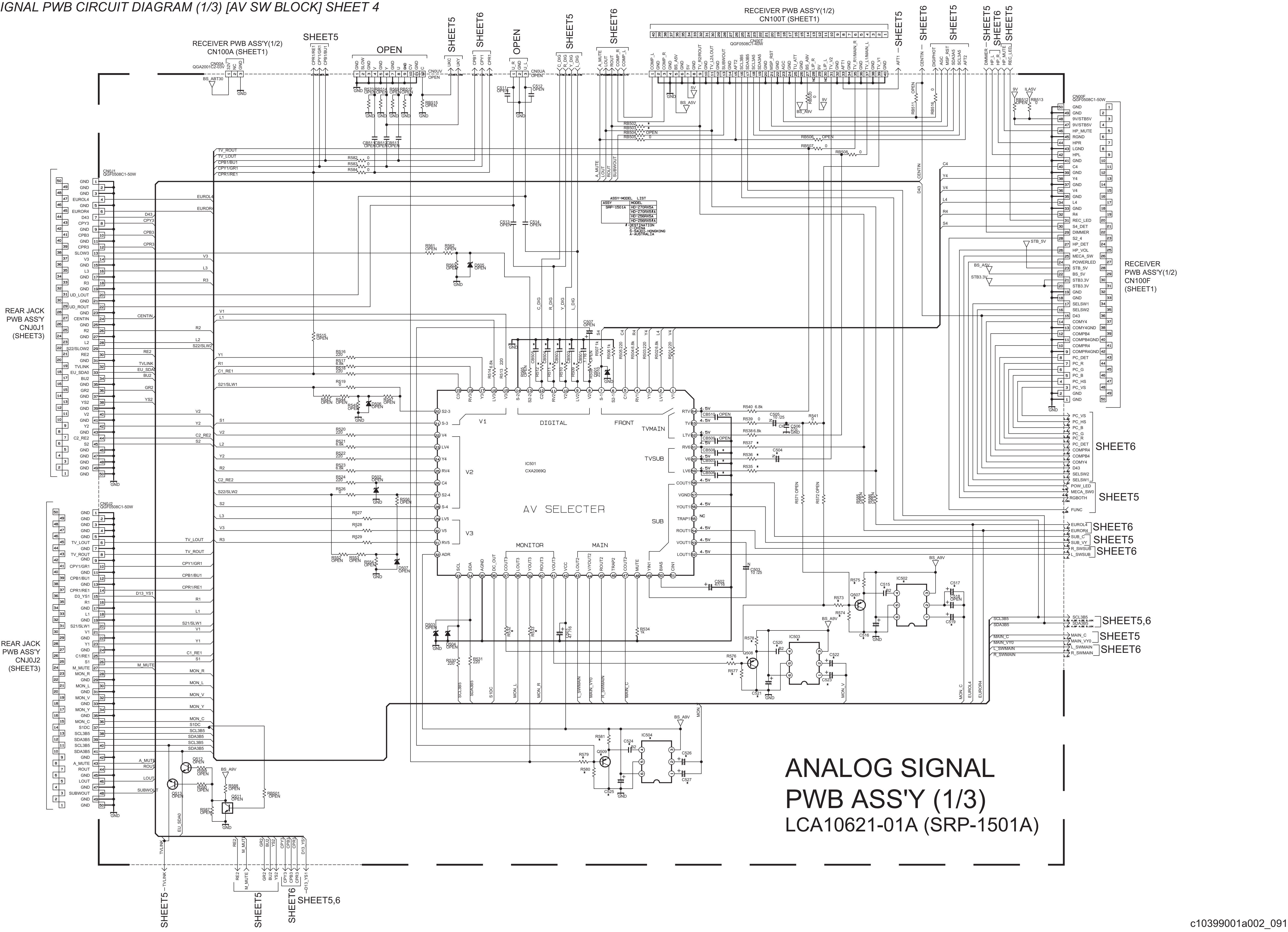
ASIA ILA

c10400-001a002_0913_2/2_0.0

REAR JACK PWB CIRCUIT DIAGRAM SHEET 3


REAR JACK PWB ASS'Y
LCA90580-01B (SRP-0J501A)
RECEIVER PWB ASS'Y (1/2)
CN10PC
(SHEET1)
RECEIVER PWB ASS'Y
CN10PH
(SHEET1)
ANALOG SIGNAL PWB ASS'Y (1/3)
CN0J1
(SHEET4)
ANALOG SIGNAL PWB ASS'Y (1/3)
CN0J2
(SHEET4)
VIDEO1
VIDEO2
VIDEO3
S
VIDEO
L
R
Y
Cb
Cr
CENTERIN (OPEN)
DVI-L
DVI-R
MONITOR OUT
LOUT
ROUT

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/3) [AV SW BLOCK] SHEET 4


RECEIVER PWB ASS'Y(1/2)
CN100A (SHEET1)
SHEET5
OPEN
SHEET5
SHEET6
OPEN
SHEET5
SHEET6
RECEIVER PWB ASS'Y(1/2)
CN100T (SHEET1)
SHEET5
SHEET6
SHEET5
SHEET5
SHEET6
SHEET5
REAR JACK
PWB ASS'Y
CNJ0J1
(SHEET3)
REAR JACK
PWB ASS'Y
CNJ0J2
(SHEET3)
RECEIVER
PWB ASS'Y(1/2)
CN100F
(SHEET1)
IC501
CXA2069Q
AV SELECTER
V1
DIGITAL
FRONT
TVMAIN
TVSUB
SUB
V2
V3
MONITOR
MAIN
IC502
IC503
IC504
SHEET6
SHEET5
SHEET6
SHEET5
SHEET6
SHEET5,6
SHEET5
SHEET6
SHEET5
SHEET5
SHEET6
SHEET5,6

ASSY-MODEL LIST

ASSY	MODEL
SRP-1501A	HD-Z70RX5A
	HD-Z70RX5#A
	HD-Z56RX5A
	HD-Z56RX5#A

#:DESTINATION
C:CHINA
S:SAUDI,HONGKONG
A:AUSTRALIA

ANALOG SIGNAL
PWB ASS'Y (1/3)
LCA10621-01A (SRP-1501A)

DIFFERENCE LIST

	SRP-1501A OLLC08852
R532	0
R533	0
R579	2.2k
R580	2.2k
R581	5.6k
Q509	PNP
C525	10/16
C524	1/16
IC504	MM1510XN-X
C526	100/10
C527	10/16
R576	2.2k
R577	2.2k
R578	5.6k
Q508	PNP
C521	10/16
C520	1/16
IC503	MM1510XN-X
C522	100/10
C523	10/16
R573	2.2k
R574	2.2k
R575	5.6k
Q507	PNP
C516	10/16
C515	1/16
IC502	MM1510XN-X
C517	100/10
C519	NEHL1HM-106X
R527	6.8k
R528	220
R529	6.8k
CB506	0.1/16
CB507	0.1/16
CB508	0.1/16
R535	OPEN
R536	OPEN
R537	OPEN
C504	OPEN
R509	0
R510	0
R511	0
R512	0
CB502	OPEN
CB503	OPEN
CB504	OPEN
CB505	OPEN
RB502	0
RB503	0

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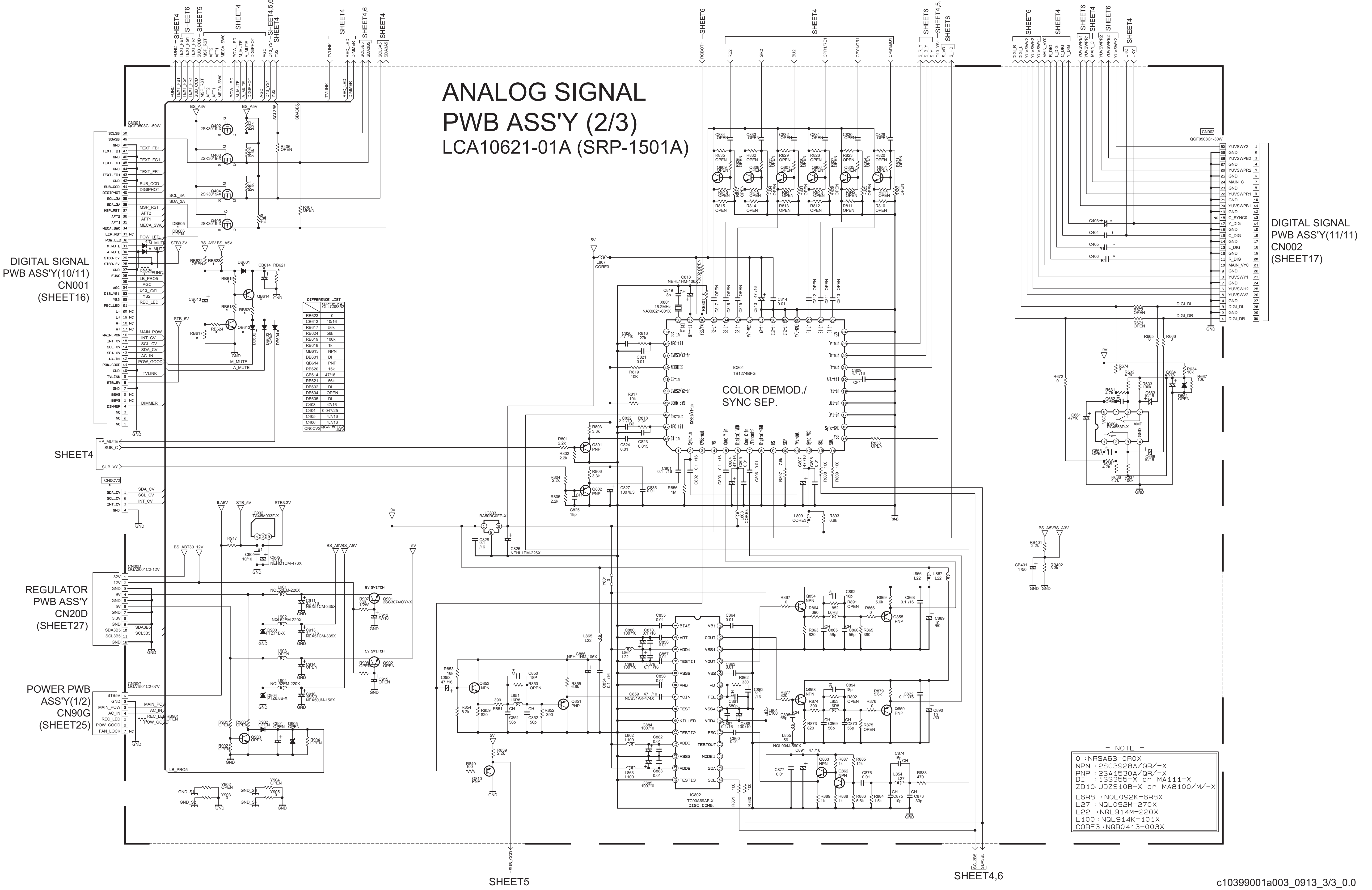
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/3) [SUB DECODER BLOCK] SHEET 5


ANALOG SIGNAL
PWB ASS'Y (2/3)
LCA10621-01A (SRP-1501A)
DIGITAL SIGNAL PWB ASS'Y(10/11) CN001 (SHEET16)
DIGITAL SIGNAL PWB ASS'Y(11/11) CN002 (SHEET17)
REGULATOR PWB ASS'Y CN20D (SHEET27)
POWER PWB ASS'Y(1/2) CN90G (SHEET25)
SHEET4
SHEET5
SHEET6
SHEET4,6
SHEET4,5,6
CN001 QGF0508C1-50W
CN002 QGF0508C1-30W
CN00D QGA2001C2-12V
CN00G QGA1501C2-07V
CN0CV2
IC801 TB1274BFG
COLOR DEMOD./ SYNC SEP.
IC802 TC90A69AF-X DIGI.COMB.
IC803 BA05BC0FP-X
IC902 TA48M033F-X
IC604 RC4558D-X
AMP.
X801 16.2MHz NAX0621-001X
9V SWITCH
5V SWITCH
Q402 2SK3019-X
Q403 2SK3019-X
Q404 2SK3019-X
Q405 2SK3019-X
Q901 2SC3074/OY/-X
LB_PRO5
SUB_C
SUB_VY
HP_MUTE
SUB_CCD

DIFFERENCE LIST

	SRP-1501A OLLC08852
RB623	0
CB613	10/16
RB617	56k
RB624	56k
RB619	100k
RB618	1k
QB613	NPN
DB601	DI
QB614	PNP
RB620	15k
CB614	47/16
RB621	56k
DB602	DI
DB604	OPEN
DB605	DI
C403	47/16
C404	0.047/25
C405	4.7/16
C406	4.7/16
CN0CV2	QGA1501C2 -04V

- NOTE -

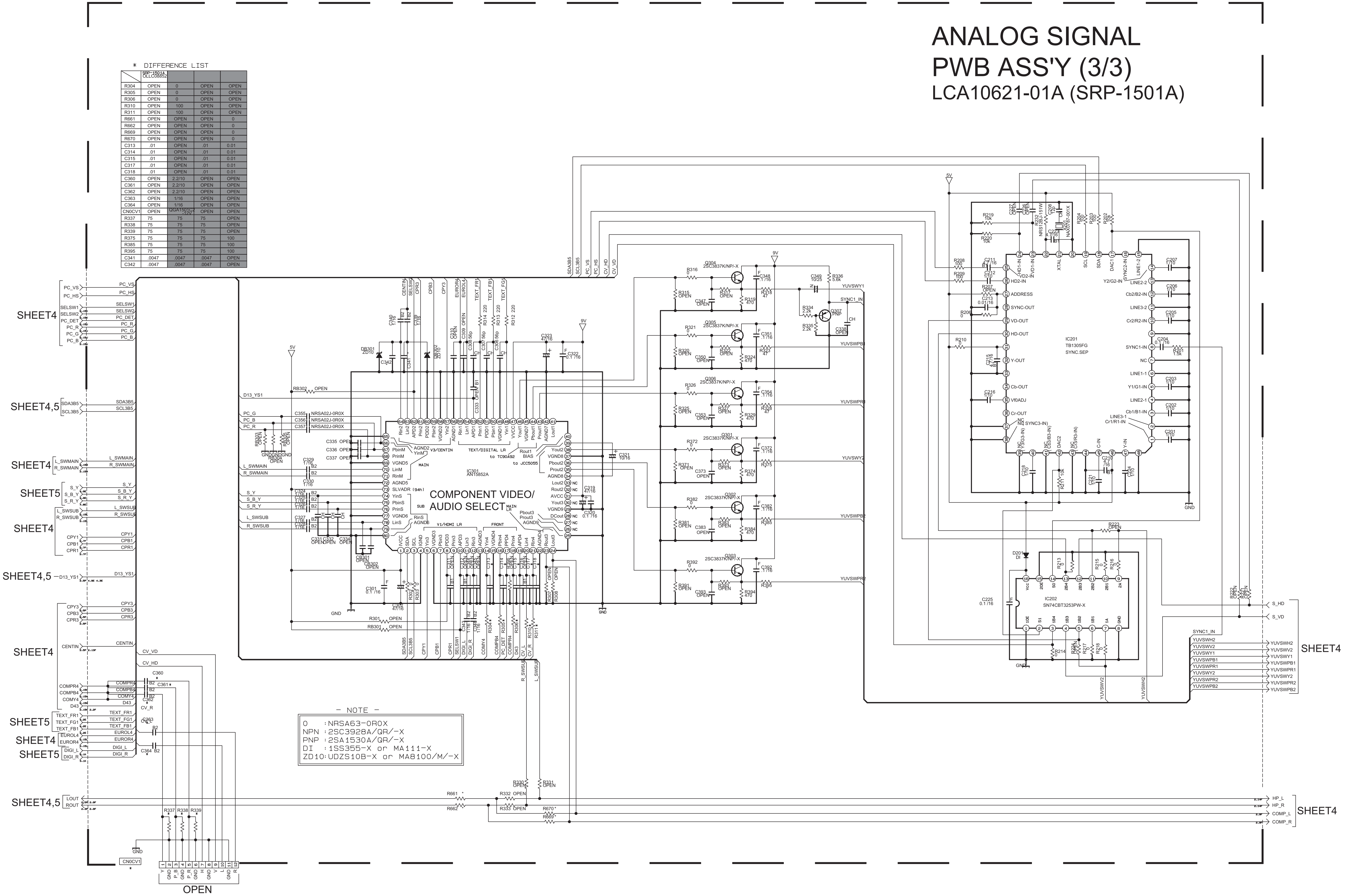
O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
DI :1SS355-X or MA111-X
ZD10:UDZS10B-X or MA8100/M/-X

L6R8 :NQL092K-6R8X
L27 :NQL092M-270X
L22 :NQL914M-220X
L100 :NQL914K-101X
CORE3 :NQR0413-003X

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/3) [COMPONENT SW BLOCK] SHEET 6

ANALOG SIGNAL PWB ASS'Y (3/3)

LCA10621-01A (SRP-1501A)


SHEET4
PC_VS
PC_HS
SELSW1
SELSW2
PC_DET
PC_R
PC_G
PC_B
SHEET4,5
SDA3B5
SCL3B5
SHEET4
L_SWMAIN
R_SWMAIN
SHEET5
S_Y
S_B_Y
S_R_Y
SHEET4
L_SWSUB
R_SWSUB
CPY1
CPB1
CPR1
SHEET4,5
D13_YS1
CPY3
CPB3
CPR3
SHEET4
CENTIN
CV_VD
CV_HD
COMPR4
COMPB4
COMPY4
D43
CV_R
SHEET5
TEXT_FR1
TEXT_FG1
TEXT_FB1
SHEET4
EUROL4
EUROR4
SHEET5
DIGI_L
DIGI_R
SHEET4,5
LOUT
ROUT
CN0CV1
GND
OPEN
COMPONENT VIDEO/
AUDIO SELECT
IC301
AN15852A
TEXT/DIGITAL LR
to TC90A92
to JCC5055
V3/CENTIN
MAIN
SUB
V1/HDMI LR
FRONT
Q304 2SC3837K/NP/-X
Q305 2SC3837K/NP/-X
Q306 2SC3837K/NP/-X
Q301 2SC3837K/NP/-X
Q302 2SC3837K/NP/-X
Q303 2SC3837K/NP/-X
Q307 PNP
9V
5V
YUVSWY1
SYNC1_IN
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
IC201
TB1305FG
SYNC.SEP
HD1-IN
VD2-IN
HD2-IN
ADDRESS
SYNC-OUT
VD-OUT
HD-OUT
Y-OUT
Cb-OUT
Vf0ADJ
Cr-OUT
XTAL
SCL
SDA
DAC1
SYNC2-IN
LINE1-2
LINE2-2
Y2/G2-IN
Cb2/B2-IN
LINE3-2
Cr2/R2-IN
SYNC1-IN
NC
LINE1-1
Y1/G1-IN
LINE2-1
Cb1/B1-IN
LINE3-1
Cr1/R1-IN
IC202
SN74CBT3253PW-X
D201 DI
GND
S_HD
S_VD
SHEET4
YUVSWH2
YUVSWV2
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPR2
YUVSWPB2
HP_L
HP_R
COMP_L
COMP_R
SHEET4

*　DIFFERENCE LIST

	SRP-1501A OLLC08852			
R304	OPEN	0	OPEN	OPEN
R305	OPEN	0	OPEN	OPEN
R306	OPEN	0	OPEN	OPEN
R310	OPEN	100	OPEN	OPEN
R311	OPEN	100	OPEN	OPEN
R661	OPEN	OPEN	OPEN	0
R662	OPEN	OPEN	OPEN	0
R669	OPEN	OPEN	OPEN	0
R670	OPEN	OPEN	OPEN	0
C313	.01	OPEN	.01	0.01
C314	.01	OPEN	.01	0.01
C315	.01	OPEN	.01	0.01
C317	.01	OPEN	.01	0.01
C318	.01	OPEN	.01	0.01
C360	OPEN	2.2/10	OPEN	OPEN
C361	OPEN	2.2/10	OPEN	OPEN
C362	OPEN	2.2/10	OPEN	OPEN
C363	OPEN	1/16	OPEN	OPEN
C364	OPEN	1/16	OPEN	OPEN
CN0CV1	OPEN	QGA1501C2 -12V	OPEN	OPEN
R337	75	75	75	OPEN
R338	75	75	75	OPEN
R339	75	75	75	OPEN
R375	75	75	75	100
R385	75	75	75	100
R395	75	75	75	100
C341	.0047	.0047	.0047	OPEN
C342	.0047	.0047	.0047	OPEN

- NOTE -

```
0    :NRSA63-0R0X
NPN  :2SC3928A/QR/-X
PNP  :2SA1530A/QR/-X
DI   :1SS355-X or MA111-X
ZD10:UDZS10B-X or MA8100/M/-X
```

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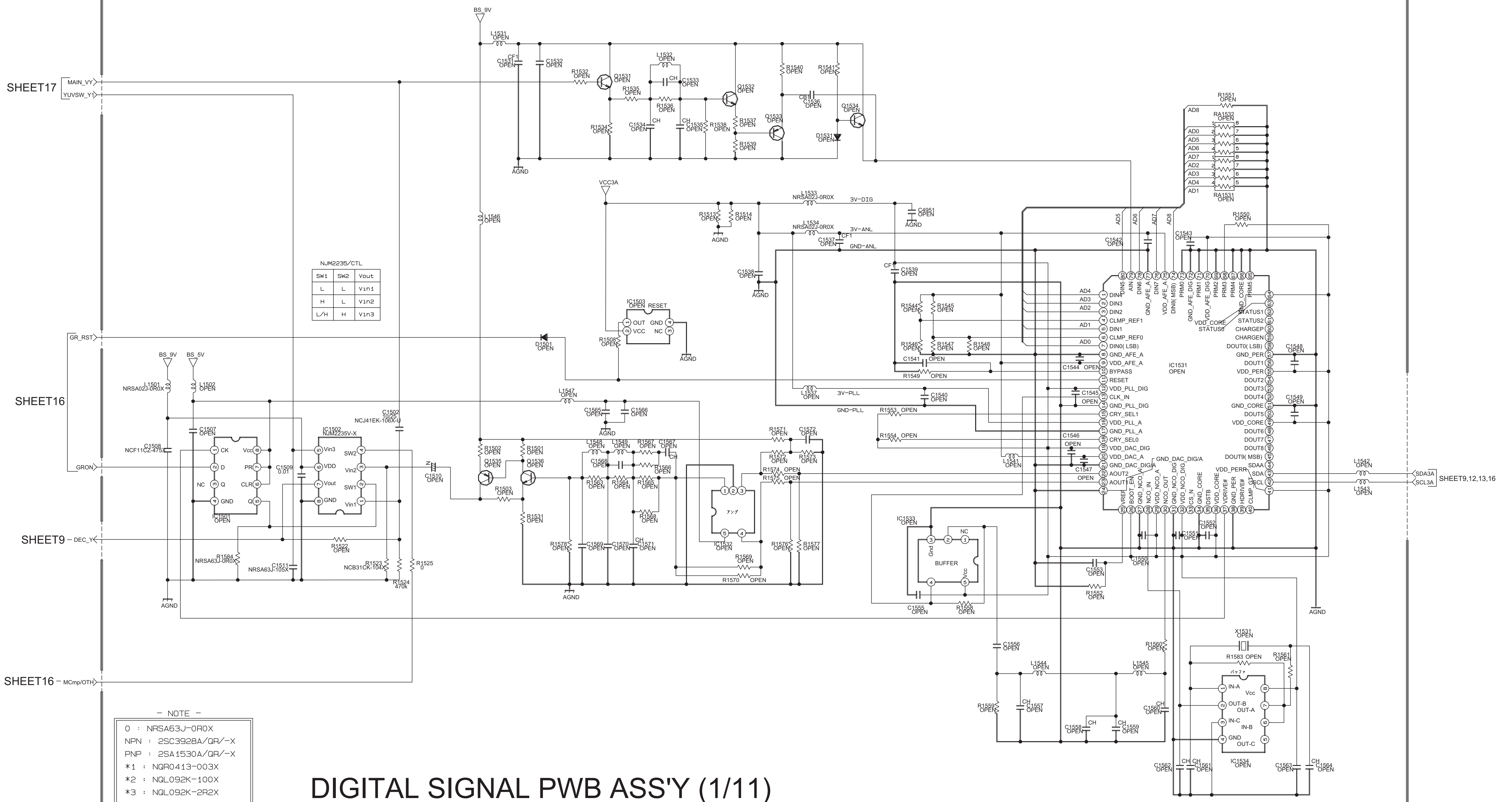
SHEET17
MAIN_VY
YUVSW_Y1
GR_RST
SHEET16
GRON
SHEET9
DEC_Y
SHEET16
MCmp/OTH
BS_9V
BS_5V
VCC3A
AGND
IC1501
IC1502
NJM2235V-X
IC1503
RESET
IC1531
IC1532
IC1533
BUFFER
IC1534
X1531
3V-DIG
3V-ANL
GND-ANL
3V-PLL
GND-PLL
SDA3A
SCL3A
SHEET9,12,13,16
OPEN

NJM2235/CTL

SW1	SW2	Vout
L	L	Vin1
H	L	Vin2
L/H	H	Vin3

− NOTE −

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : NQR0413-003X
*2 : NQL092K-100X
*3 : NQL092K-2R2X
*4 : NQL092K-8R8X
*5 : 1SS355-X
LC1 : NQR0470-001X
LC2 : NQR0470-007X
LC3 : NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y (1/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]

LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

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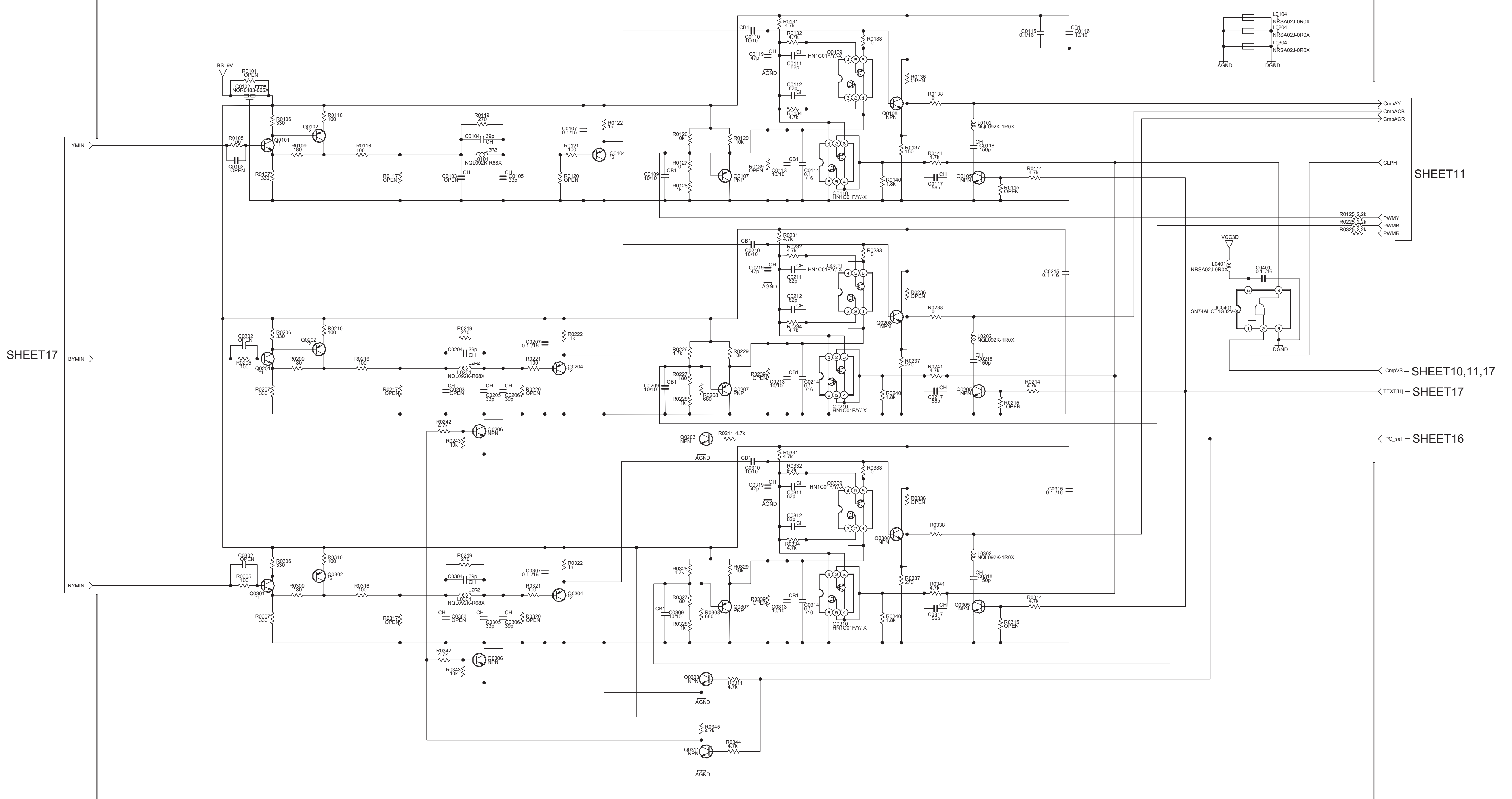
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) [5055 LPF] SHEET 8


SHEET17
YMIN
BYMIN
RYMIN
BS_9V
CmpAY
CmpACB
CmpACR
CLPH
SHEET11
PWMY
PWMB
PWMR
VCC3D
IC0401
SN74AHCT1G32V-X
CmpVS
SHEET10,11,17
TEXT[H]
SHEET17
PC_sel
SHEET16
AGND
DGND
L0104
L0204
L0304
NRSA02J-0R0X
Q0101
Q0102
Q0104
Q0107
PNP
Q0108
NPN
Q0109
HN1C01F/Y/-X
Q0110
Q0105
Q0201
Q0202
Q0204
Q0203
Q0206
Q0207
Q0208
Q0209
Q0210
Q0205
Q0301
Q0302
Q0304
Q0303
Q0306
Q0307
Q0308
Q0309
Q0310
Q0305
Q0311
L0101
NQL092K-R68X
L0102
NQL092K-1R0X
L0201
L0202
L0301
L0302
L0401
LC0102
NQR0483-005X
R0101
OPEN
R0211 4.7k
R0311
R0344
R0345
R0125 2.2k

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

DIGITAL SIGNAL PWB ASS'Y (2/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

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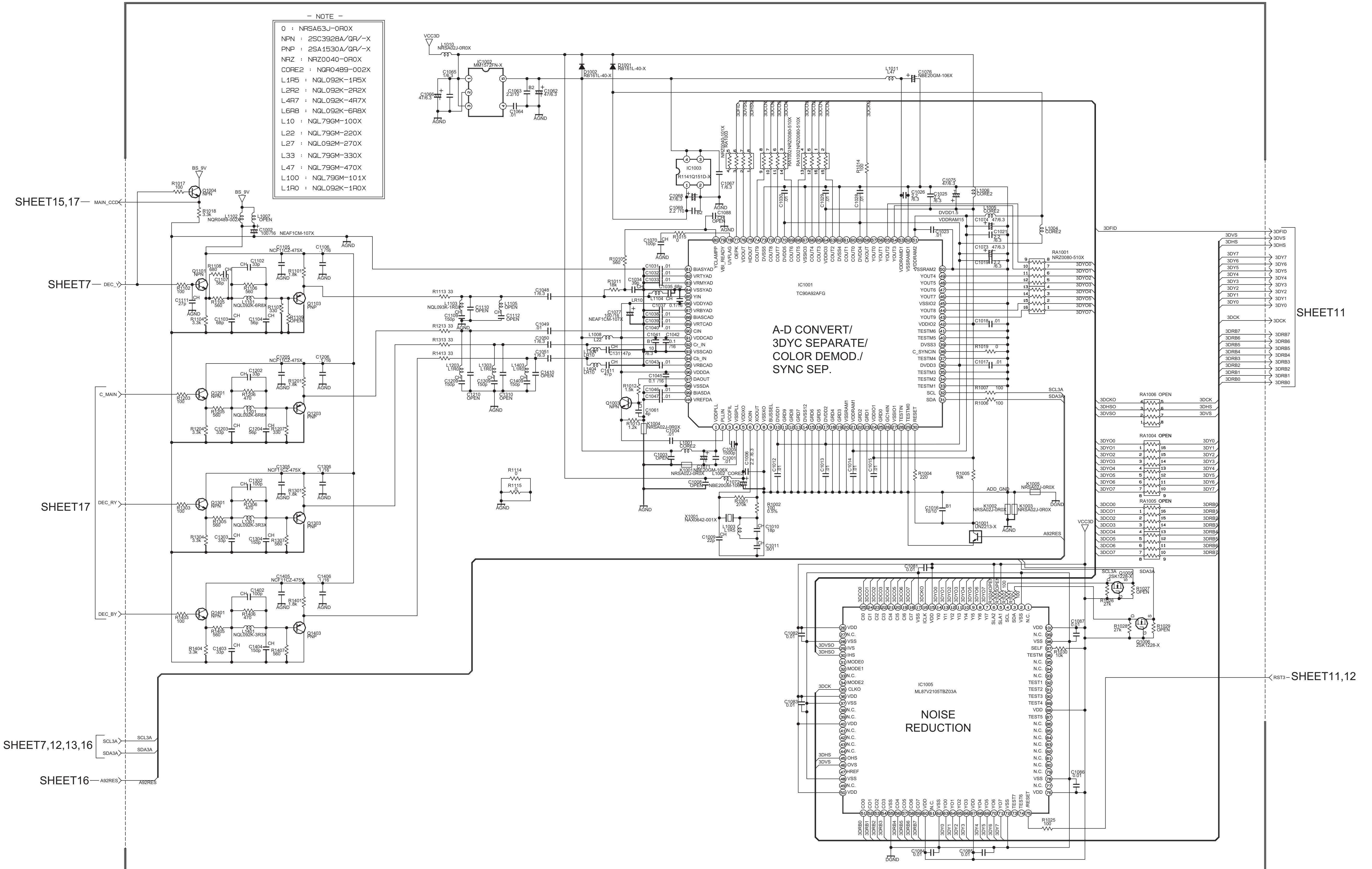
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) [3DY/C] SHEET 9


SHEET15,17
MAIN_CCD
SHEET7
DEC_Y
SHEET17
C_MAIN
DEC_RY
DEC_BY
SHEET7,12,13,16
SCL3A
SDA3A
SHEET16
A92RES
VCC3D
IC1002 MM1572FN-X
IC1003 R1141Q151D-X
IC1001 TC90A92AFG
A-D CONVERT/
3DYC SEPARATE/
COLOR DEMOD./
SYNC SEP.
IC1005 ML87V2105TBZ03A
NOISE
REDUCTION
SHEET11
SHEET11,12
RST3
AGND
DGND
BS_9V

- NOTE -

0	:	NRSA63J-0R0X
NPN	:	2SC3928A/QR/-X
PNP	:	2SA1530A/QR/-X
NRZ	:	NRZ0040-0R0X
CORE2	:	NQR0489-002X
L1R5	:	NQL092K-1R5X
L2R2	:	NQL092K-2R2X
L4R7	:	NQL092K-4R7X
L6R8	:	NQL092K-6R8X
L10	:	NQL79GM-100X
L22	:	NQL79GM-220X
L27	:	NQL092M-270X
L33	:	NQL79GM-330X
L47	:	NQL79GM-470X
L100	:	NQL79GM-101X
L1R0	:	NQL092K-1R0X

DIGITAL SIGNAL PWB ASS'Y (3/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

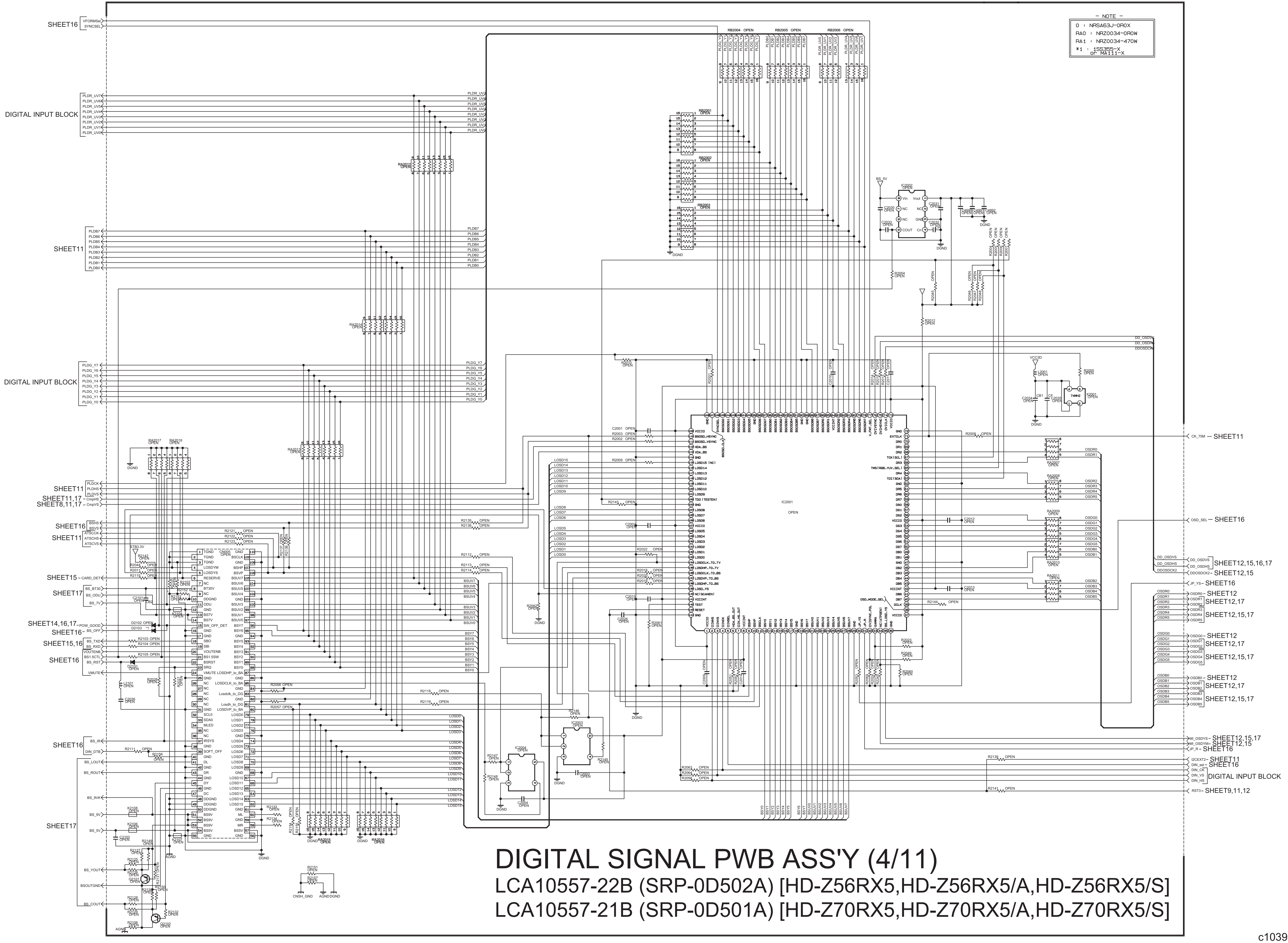
c10398001a002_0913_2/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) [DTV IN] SHEET 10

BS, DTV CONNECT MODEL : MOUNT
etc : NO MOUNT

- NOTE -

0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-470W
*1 : 1SS355-X
or MA111-X

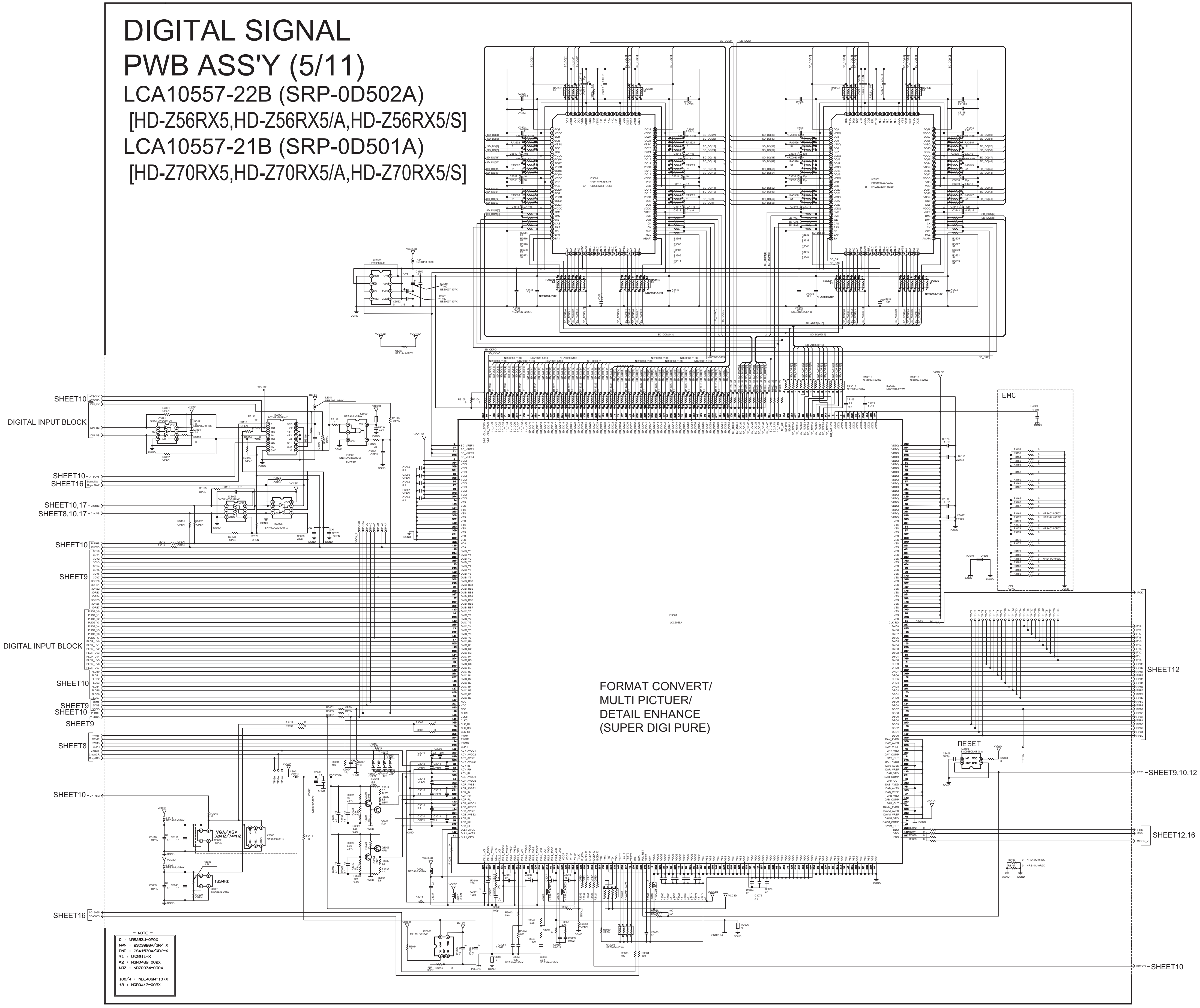

SHEET16
DIGITAL INPUT BLOCK
SHEET11
DIGITAL INPUT BLOCK
SHEET11
SHEET11,17
SHEET8,11,17
SHEET16
SHEET11
SHEET15
SHEET17
SHEET14,16,17
SHEET16
SHEET15,16
SHEET16
SHEET16
SHEET17
RB2004 OPEN
RB2005 OPEN
RB2006 OPEN
RB2001 OPEN
RB2002 OPEN
RB2003 OPEN
IC2001
OPEN
IC2002
IC2003
IC2004
74MHZ
BS_5V
VCC3D
DGND
AGND
CK_75M SHEET11
OSD_SEL SHEET16
SHEET12,15,16,17
SHEET12,15
JP_YS SHEET16
SHEET12
SHEET12,17
SHEET12,15,17
SHEET12
SHEET12,17
SHEET12,15,17
SHEET12
SHEET12,17
SHEET12,15,17
SHEET12,15,17
SHEET12,15
JP_R SHEET16
I2CEXT2 SHEET11
DIN_sel SHEET16
DIGITAL INPUT BLOCK
RST3 SHEET9,11,12

DIGITAL SIGNAL PWB ASS'Y (4/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

c10398001a009_0913_9/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) [DET CORE] SHEET 11



DIGITAL SIGNAL
PWB ASS'Y (5/11)

LCA10557-22B (SRP-0D502A)
[HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A)
[HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

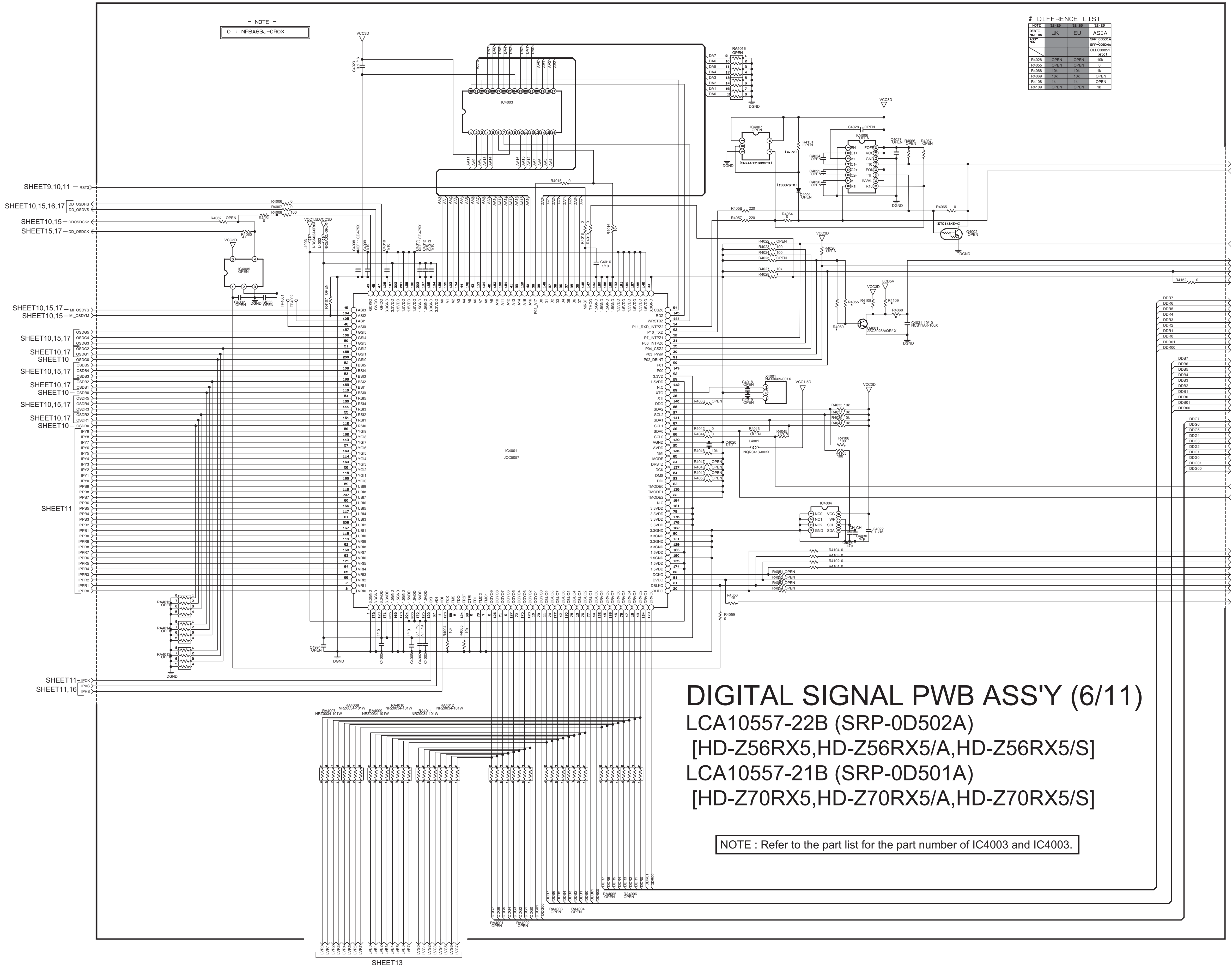
- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : UN2211-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W

100/4 : NBE40GM-107X
*3 : NQR0413-003X

SHEET10
DIGITAL INPUT BLOCK
SHEET10
SHEET16
SHEET10,17
SHEET8,10,17
SHEET10
SHEET9
DIGITAL INPUT BLOCK
SHEET10
SHEET9
SHEET10
SHEET9
SHEET8
SHEET10
SHEET16
SCL5055
SDA5055
VGA/XGA
32MHZ/74MHZ
133MHz
EMC
FORMAT CONVERT/
MULTI PICTUER/
DETAIL ENHANCE
(SUPER DIGI PURE)
RESET
SHEET12
SHEET9,10,12
SHEET12,16
SHEET10
C3039
OPEN
C3040
0.1
/16
R3039
OPEN
B1
DGND

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) [RGB/DD] SHEET 12


- NOTE -
0 : NRSA63J-0R0X
IC4001
JCC5057
IC4003
IC4004
IC4005
IC4006
IC4007
SN74AHC1G08K-X
1SS376-X
DTC143XE-X
2SC3928A/QR/-X
X4001
NAX0669-001X
L4001
NQR0413-003X
VCC3D
VCC1.5D
LCD5V
DGND
SHEET9,10,11 — RST3
SHEET10,15,16,17 DD_OSDHS DD_OSDVS
SHEET10,15 — DDOSDCK2
SHEET15,17 — DD_OSDCK
SHEET10,15,17 — MI_OSDYS
SHEET10,15 — MI_OSDYM
SHEET10,15,17
SHEET10,17
SHEET10
SHEET11
SHEET11 — IPCK
SHEET11,16 IPVS IPHS
SHEET15 Tx0057 Rx0057
P_MU — SHEET13,16
ANA_DIM — SHEET15
STBUSY — SHEET16
BL_ON
PWM_DIM SHEET15
HALFTONG — SHEET17
SHEET14
SHEET13
SCL3A SDA3A SHEET7,9,13,16
LV_HS LV_BLK LV_VS LV_CK SHEET13
DDCK RGBVS RGBBLK DDHS SHEET14
MICON_V — SHEET11,16
SHEET13
RA4007 NRZ0034-101W
RA4008 NRZ0034-101W
RA4009 NRZ0034-101W
RA4010 NRZ0034-101W
RA4011 NRZ0034-101W
RA4012 NRZ0034-101W
RA4001 OPEN
RA4002 OPEN
RA4003 OPEN
RA4004 OPEN
RA4005 OPEN
RA4006 OPEN
RA4016 OPEN

# DIFFRENCE LIST

NOTE	32,26	32,26	32,26
DESTI NATION	UK	EU	ASIA
ASSY NO.			SRP-0D501A ~ SRP-0D504A
			OLLC08851 (etc)
R4028	OPEN	OPEN	10k
R4055	OPEN	OPEN	0
R4068	10k	10k	1k
R4069	10k	10k	OPEN
R4108	1k	1k	OPEN
R4109	OPEN	OPEN	1k

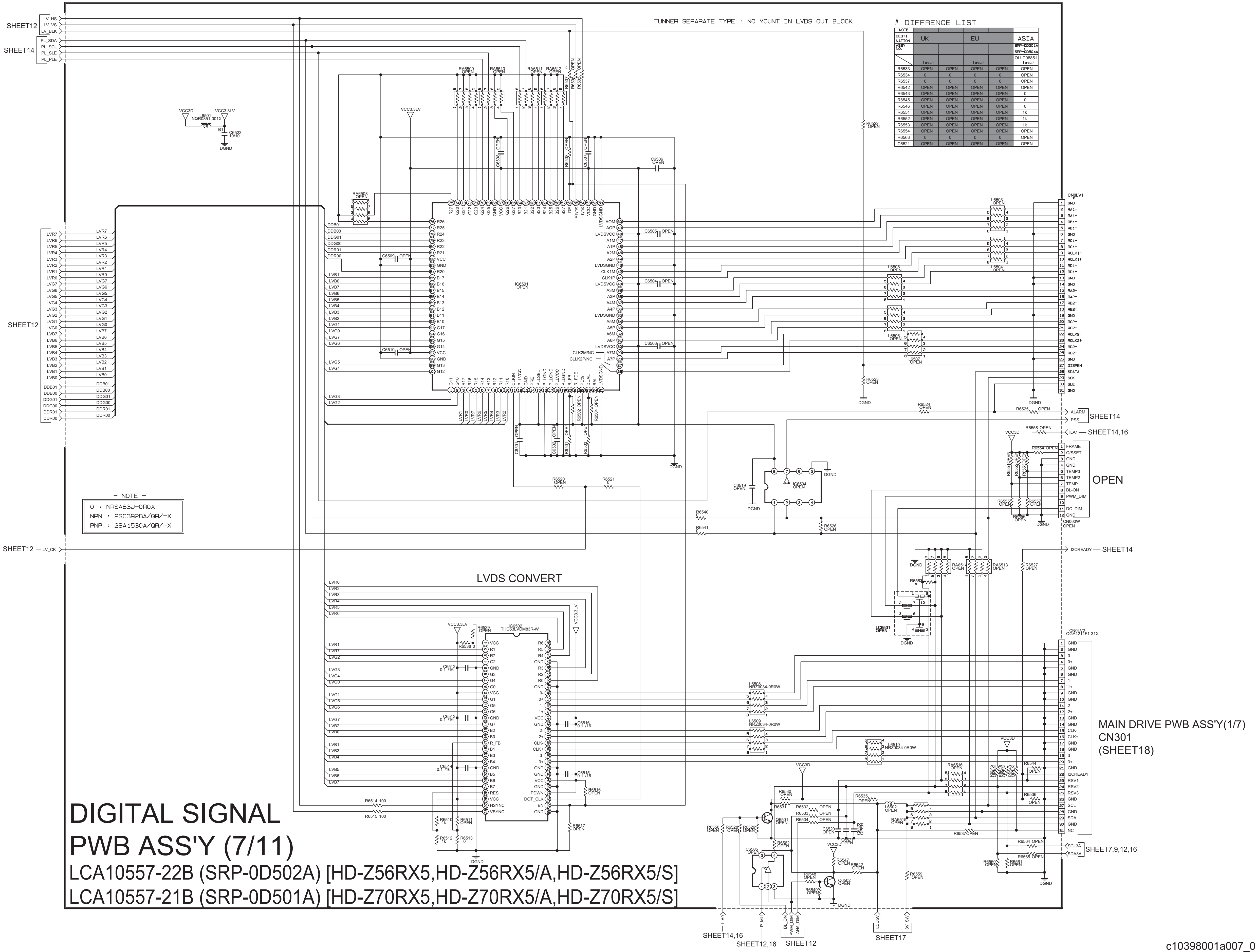
DIGITAL SIGNAL PWB ASS'Y (6/11)

LCA10557-22B (SRP-0D502A)
[HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A)
[HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

NOTE : Refer to the part list for the part number of IC4003 and IC4003.

c10398001a004_0913_4/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) [LVDS OUT] SHEET 13


SHEET12
LV_HS
LV_VS
LV_BLK
SHEET14
PL_SDA
PL_SCL
PL_SLE
PL_PLE
TUNNER SEPARATE TYPE : NO MOUNT IN LVDS OUT BLOCK
VCC3D
VCC3.3LV
L6501
NQR0351-001X
C6523
10/10
DGND
IC6501
OPEN
LVDS CONVERT
IC6502
THC63LVDM83R-W
CN0LV1
ALARM
PSS
ILA1
SHEET14,16
IC6504
OPEN
I2CREADY
CN0LV2
QGA1511F1-31X
MAIN DRIVE PWB ASS'Y(1/7)
CN301
(SHEET18)
SCL3A
SDA3A
SHEET7,9,12,16
SHEET14,16
SHEET12,16
SHEET12
SHEET17
LV_CK
CN000W
OPEN
IC6505
OPEN
Q6501
Q6502

DIFFRENCE LIST

NOTE					
DESTI NATION	UK		EU		ASIA
ASSY NO.					SRP-0D501A SRP-0D504A
	(etc)		(etc)		OLLC08851 (etc)
R6533	OPEN	OPEN	OPEN	OPEN	OPEN
R6534	0	0	0	0	OPEN
R6537	0	0	0	0	OPEN
R6542	OPEN	OPEN	OPEN	OPEN	OPEN
R6543	OPEN	OPEN	OPEN	OPEN	0
R6545	OPEN	OPEN	OPEN	OPEN	0
R6546	OPEN	OPEN	OPEN	OPEN	0
R6551	OPEN	OPEN	OPEN	OPEN	1k
R6552	OPEN	OPEN	OPEN	OPEN	1k
R6553	OPEN	OPEN	OPEN	OPEN	1k
R6554	OPEN	OPEN	OPEN	OPEN	OPEN
R6563	0	0	0	0	OPEN
C6521	OPEN	OPEN	OPEN	OPEN	OPEN

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/GR/-X
PNP : 2SA1530A/GR/-X

OPEN

DIGITAL SIGNAL PWB ASS'Y (7/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

c10398001a007_0913_7/12_0.0

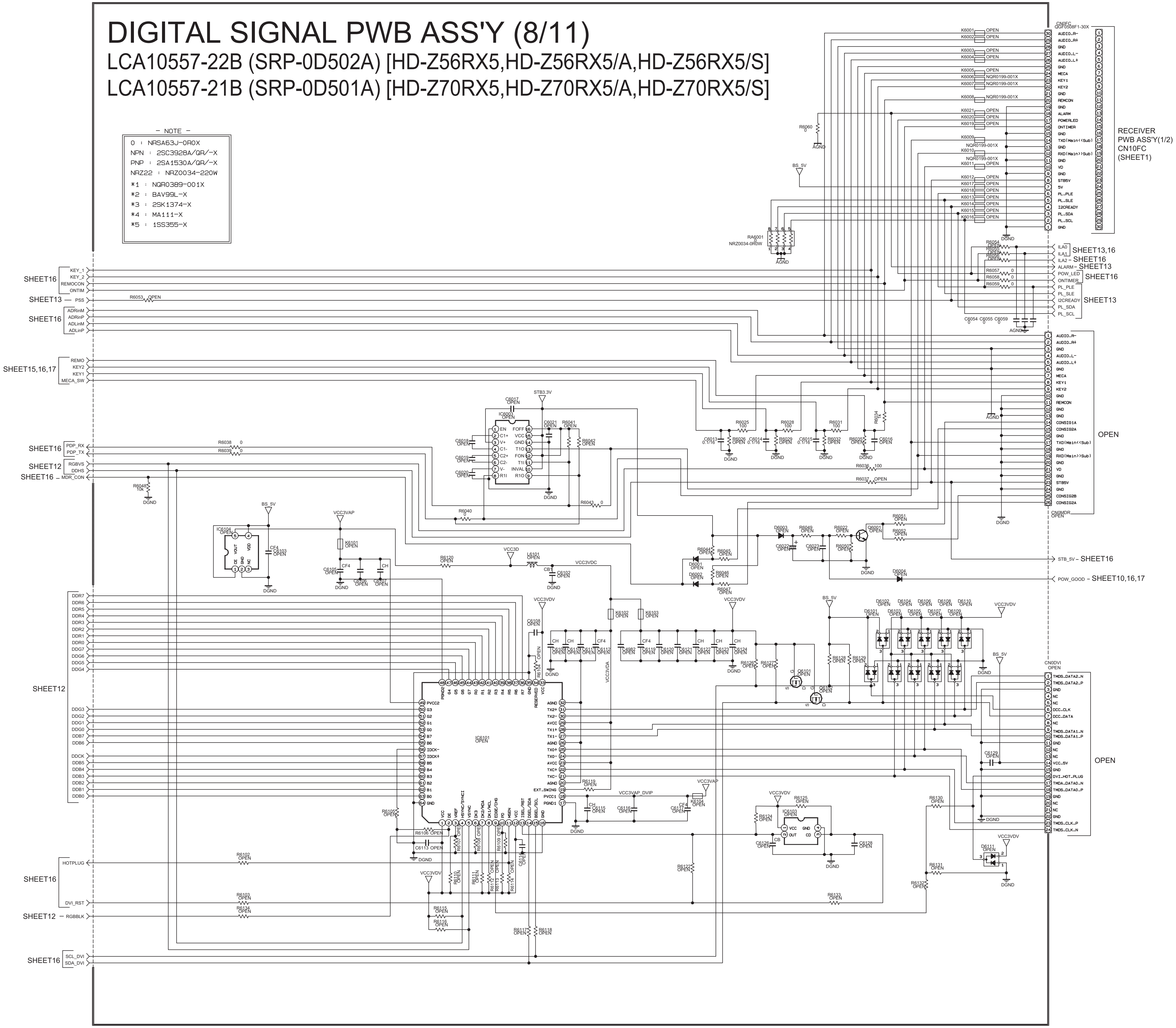
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (8/11) [DVI OUT] SHEET 14

DIGITAL SIGNAL PWB ASS'Y (8/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

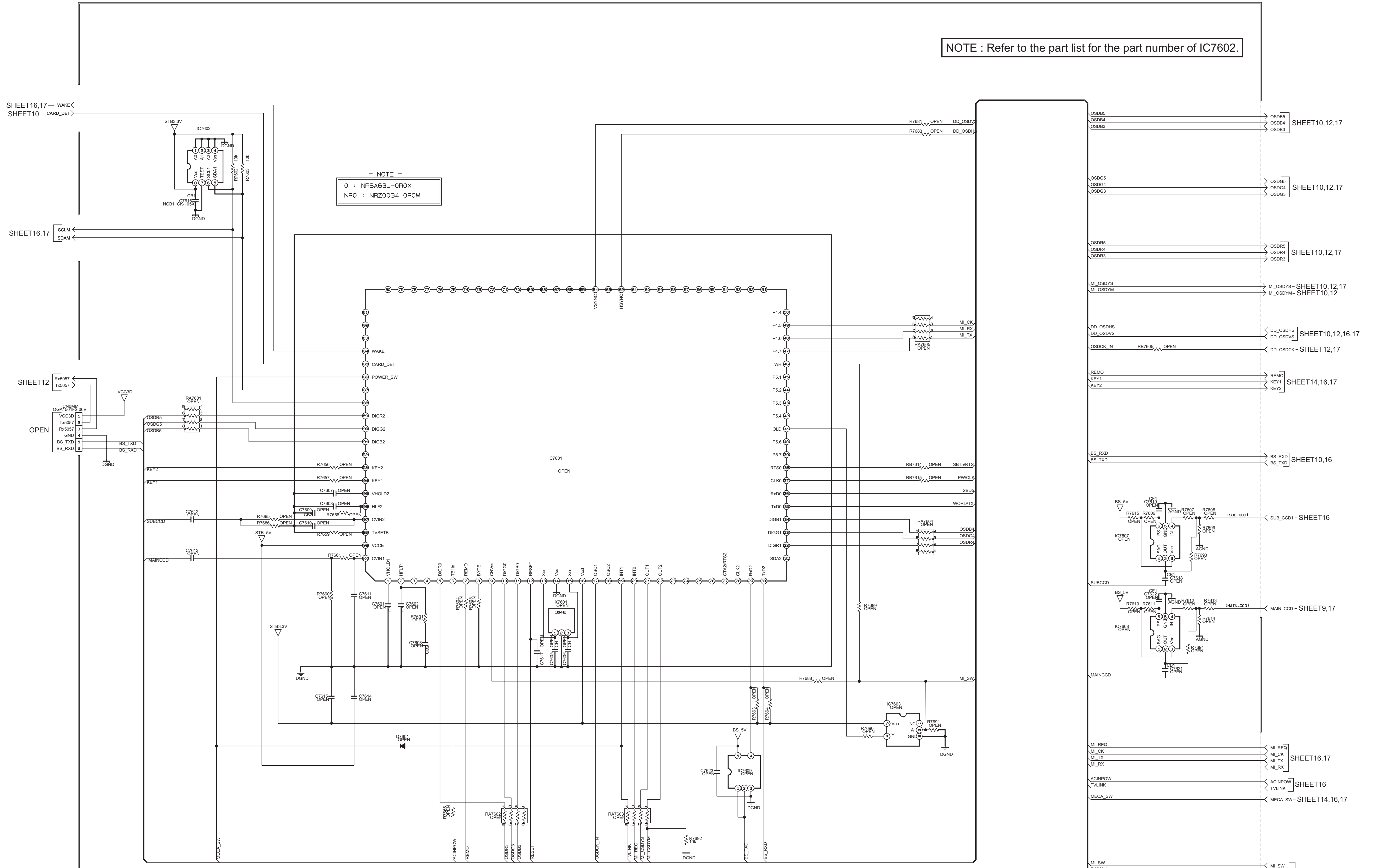
- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X



RECEIVER
PWB ASS'Y(1/2)
CN10FC
(SHEET1)
CN0FC
OPEN
CN0DVI
SHEET16
SHEET13
SHEET15,16,17
SHEET12
SHEET13,16
SHEET10,16,17
KEY_1
KEY_2
REMOCON
ONTIM
PSS
ADRinM
ADRinP
ADLinM
ADLinP
REMO
KEY2
KEY1
MECA_SW
PDP_RX
PDP_TX
RGBVS
DDHS
MDR_CON
HOTPLUG
DVI_RST
RGBBLK
SCL_DVI
SDA_DVI
IC6101
IC6103
IC6104
IC6001
RA6001
NRZ0034-0R0W
STB3.3V
BS_5V
VCC3VAP
VCC3VDV
VCC3VDC
VCC3D
DGND
AGND
STB_5V
POW_GOOD
AUDIO_R-
AUDIO_R+
AUDIO_L-
AUDIO_L+
GND
MECA
KEY1
KEY2
REMCON
ALARM
POWERLED
ONTIMER
TXD(Main<<Sub)
RXD(Main>>Sub)
VD
STB5V
5V
PL_PLE
PL_SLE
I2CREADY
PL_SDA
PL_SCL
CONSIG1A
CONSIG2A
CONSIG2B
TMDS_DATA2_N
TMDS_DATA2_P
NC
DDC_CLK
DDC_DATA
TMDS_DATA1_N
TMDS_DATA1_P
VCC_5V
DVI_HOT_PLUG
TMD4_DATA0_N
TMDS_DATA0_P
TMDS_CLK_P
TMDS_CLK_N

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (9/11) [RE MICON] SHEET 15



SHEET16,17 WAKE
SHEET10 CARD_DET
STB3.3V
IC7602
DGND
R7602 10k
R7603 10k
CB1 C7616
NCB11CK-105X
SHEET16,17 SCLM SDAM
- NOTE -
O : NRSA63J-0R0X
NR0 : NRZ0034-0R0W
SHEET12 Rx5057 Tx5057
VCC3D
CN7MM
QGA1501F2-06V
VCC3D
Tx5057
Rx5057
GND
BS_TXD
BS_RXD
OPEN
RA7601 OPEN
OSDR5
OSDG5
OSDB5
KEY2
KEY1
SUBCCD
MAINCCD
WAKE
CARD_DET
POWER_SW
DIGR2
DIGG2
DIGB2
KEY2
KEY1
VHOLD2
HLF2
CVIN2
TVSETB
VCCE
CVIN1
IC7601
OPEN
VSYNC
HSYNC
P4.4
P4.5
P4.6
P4.7
WR
P5.1
P5.2
P5.3
P5.4
HOLD
P5.6
P5.7
RTS0
CLK0
RxD0
TxD0
DIGB1
DIGG1
DIGR1
SDA2
VHOLD1
HFLT1
DIGR0
TB1in
REMO
BYTE
CNVss
DIGG0
DIGB0
RESET
Xout
Vss
Xin
Vcc
OSC1
OSC2
INT1
INT0
OUT1
OUT2
CTA2/RTS2
CLK2
RxD2
TxD2
X7601 OPEN
16MHz
DGND
STB_5V
STB3.3V
D7601 OPEN
R7688 OPEN
MI_SW
IC7603 OPEN
Vcc
NC
A
GND
Y
R7690 OPEN
R7691 OPEN
BS_5V
C7621 OPEN
IC7609 OPEN
RA7602 OPEN
RA7603 OPEN
R7692 10k
MECA_SW
ACINPOW
REMO
OSDR3
OSDG3
OSDB3
RESET
OSDCK_IN
TVLINK
MI_REQ
MI_OSDYS
MI_OSDYM
BS_TXD
BS_RXD
R7681 OPEN DD_OSDV
R7680 OPEN DD_OSDH
RA7605 OPEN
MI_CK
MI_RX
MI_TX
RB7614 OPEN SBT5/RTS
RB7615 OPEN PW/CLK
SBD5
WORD/TXD
RA7604 OPEN
OSDB4
OSDG4
OSDR4
R7689 OPEN
OSDB5 OSDB4 OSDB3 SHEET10,12,17
OSDG5 OSDG4 OSDG3 SHEET10,12,17
OSDR5 OSDR4 OSDR3 SHEET10,12,17
MI_OSDYS SHEET10,12,17
MI_OSDYM SHEET10,12
DD_OSDHS DD_OSDVS SHEET10,12,16,17
OSDCK_IN RB7605 OPEN DD_OSDCK SHEET12,17
REMO KEY1 KEY2 SHEET14,16,17
BS_RXD BS_TXD SHEET10,16
BS_5V
IC7607 OPEN
AGND
R7615 R7606 R7607 R7608 R7609 R7693
(SUB_CCD)
SUB_CCD1 SHEET16
SUBCCD
IC7608 OPEN
R7610 R7611 R7612 R7613 R7614 R7694
(MAIN_CCD)
MAIN_CCD SHEET9,17
MAINCCD
MI_REQ MI_CK MI_TX MI_RX SHEET16,17
ACINPOW TVLINK SHEET16
MECA_SW SHEET14,16,17
MI_SW PW/CLK RESET WORD/TXD SBD5 SBT5/RTS SHEET16

NOTE : Refer to the part list for the part number of IC7602.

DIGITAL SIGNAL PWB ASS'Y (9/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

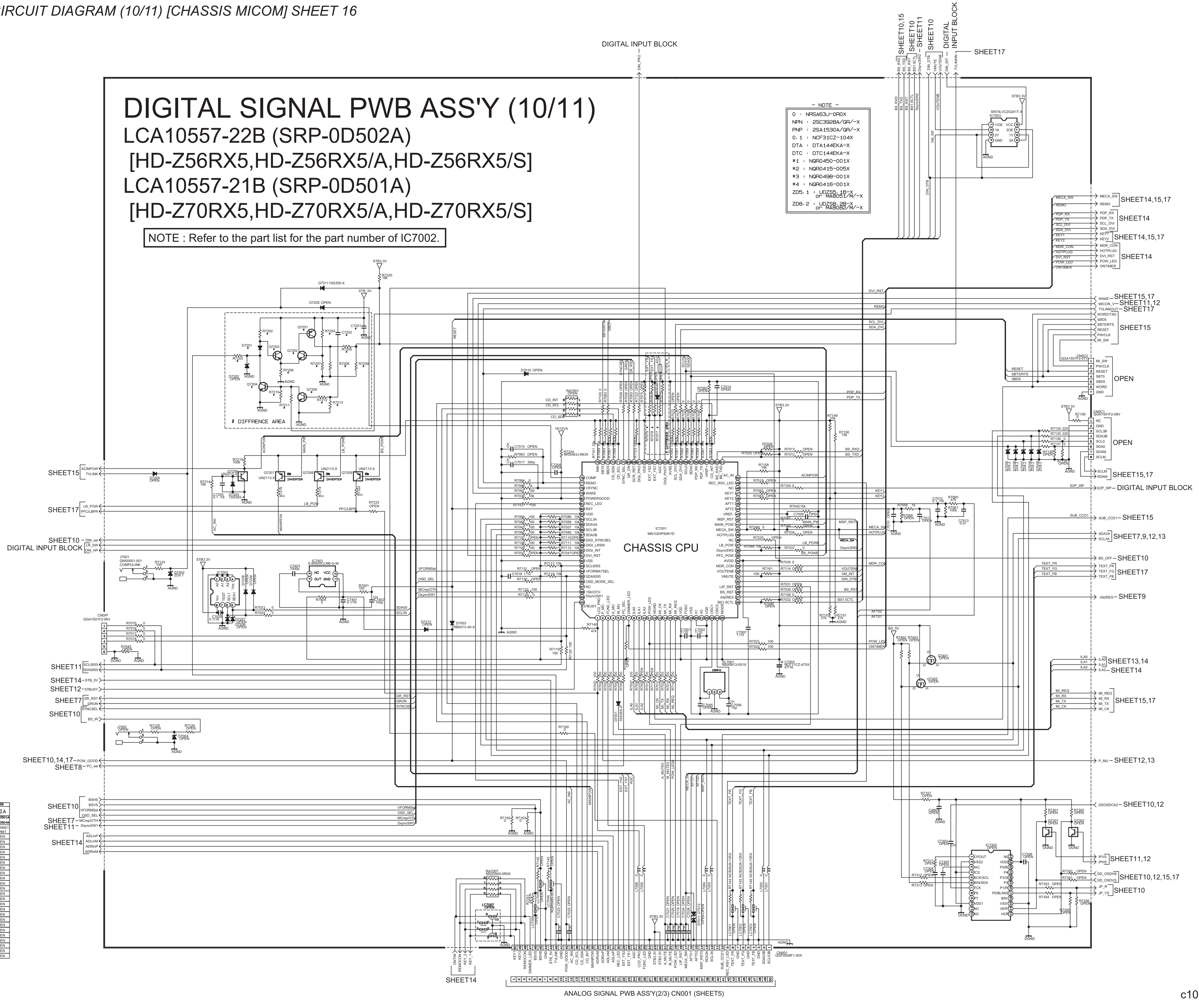
c10398001a005_0913_5/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) [CHASSIS MICOM] SHEET 16

DIGITAL SIGNAL PWB ASS'Y (10/11)

LCA10557-22B (SRP-0D502A)
[HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A)
[HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

NOTE : Refer to the part list for the part number of IC7002.


DIGITAL INPUT BLOCK
SHEET10,15
SHEET10
SHEET11
SHEET10
DIGITAL INPUT BLOCK
SHEET17
SHEET14,15,17
SHEET14
SHEET14,15,17
SHEET14
SHEET15,17
SHEET11,12
SHEET17
SHEET15
OPEN
OPEN
SHEET15,17
DIGITAL INPUT BLOCK
SHEET15
SHEET7,9,12,13
SHEET10
SHEET17
SHEET9
SHEET13,14
SHEET14
SHEET15,17
SHEET12,13
SHEET10,12
SHEET11,12
SHEET10,12,15,17
SHEET10
SHEET15
SHEET17
SHEET10
DIGITAL INPUT BLOCK
SHEET11
SHEET14
SHEET12
SHEET7
SHEET10
SHEET10,14,17
SHEET8
SHEET10
SHEET7
SHEET11
SHEET14
SHEET14
# DIFFRENCE AREA
IC7001
MN102HF60KYD
CHASSIS CPU
STB3.3V
STB_5V
AGND
DGND
ANALOG SIGNAL PWB ASS'Y(2/3) CN001 (SHEET5)

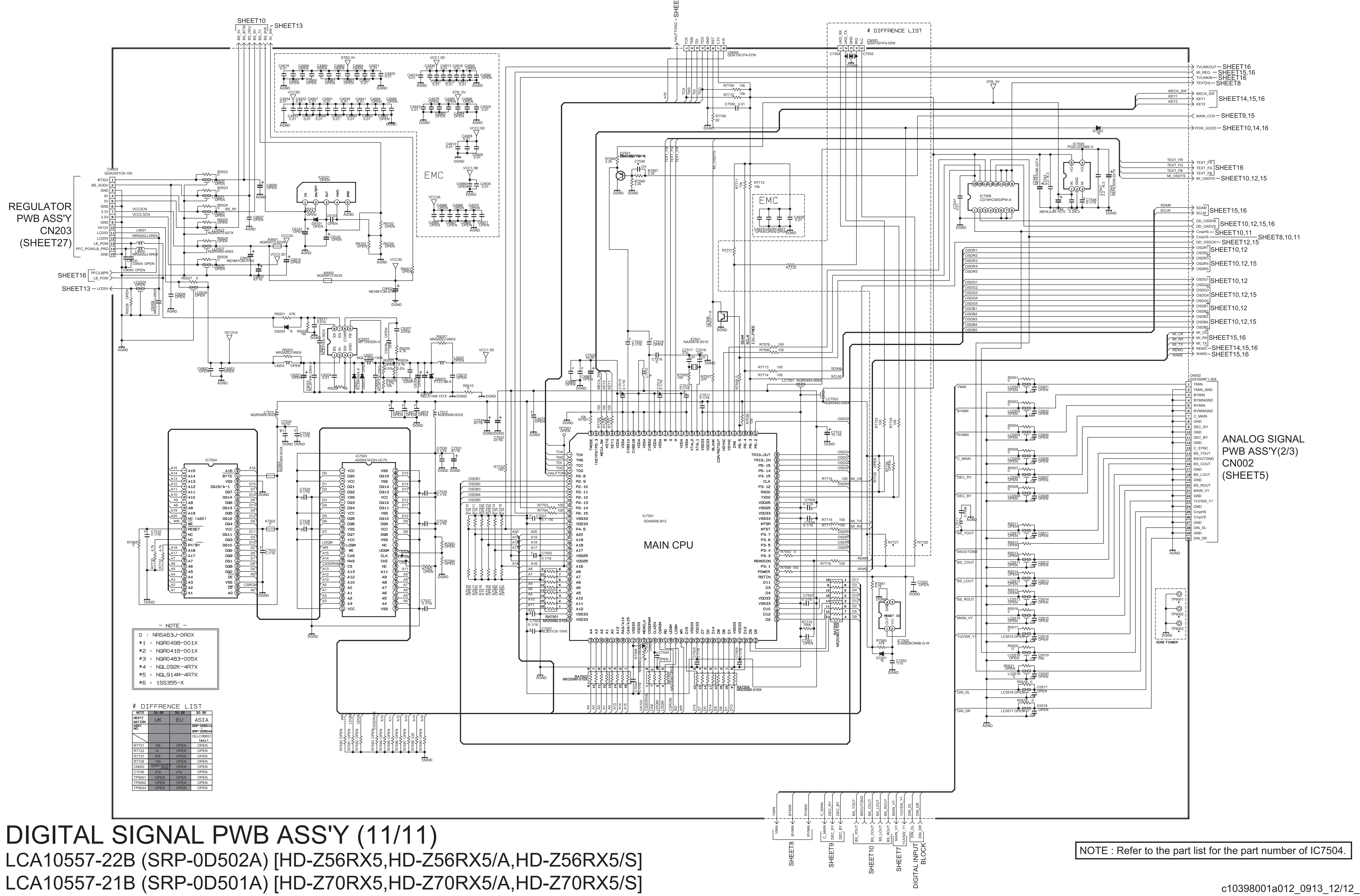
- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X
ZD5.1 : UDZS5.1B-X or MA8051/M/-X
ZD8.2 : UDZS8.2B-X or MA8082/M/-X

DIFFRENCE LIST

NOTE					70.56
DESTINATION	UK		EU		ASIA
ASSY NO.					SRP-0D501A , SRP-0D504A
	(etc)		(etc)		OLLC08851 (etc)
K7002	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN
Q7201	PNP	PNP	PNP	PNP	OPEN
Q7202	NPN	NPN	NPN	NPN	OPEN
Q7203	NPN	NPN	NPN	NPN	OPEN
Q7204	NPN	NPN	NPN	NPN	OPEN
Q7205	NPN	NPN	NPN	NPN	OPEN
D7201	1SS355-X	1SS355-X	1SS355-X	1SS355-X	OPEN
C7201	1/10	1/10	1/10	1/10	OPEN
C7202	0.1/16	0.1/16	0.1/16	0.1/16	OPEN
R7077	0	0	0	0	OPEN
R7078	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	OPEN
R7079	0	0	0	0	OPEN
R7202	27k	27k	27k	27k	OPEN
R7203	220	220	220	220	OPEN
R7204	10k	10k	10k	10k	OPEN
R7205	1k	1k	1k	1k	OPEN
R7206	10k	10k	10k	10k	OPEN
R7207	10k	10k	10k	10k	OPEN
R7208	1k	1k	1k	1k	OPEN
R7209	1.5k	1.5k	1.5k	1.5k	OPEN
R7210	10k	10k	10k	10k	OPEN
R7211	10k	10k	10k	10k	OPEN
R7212	47k	47k	47k	47k	OPEN
R7213	1k	1k	1k	1k	OPEN

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) [M2 MICON] SHEET 17


SHEET10
SHEET13
SHEET12
REGULATOR PWB ASS'Y CN203 (SHEET27)
SHEET16
SHEET13
EMC
EMC
MAIN CPU
IC7501 SDA6000-B12
IC7504
IC7503 K4S641632H-UC75
IC7506 CD74HC4053PW-X
IC7502 S-80828CNNB-G-W
IC9201 MP1593DN-X
IC9101
# DIFFRENCE LIST
SHEET16
SHEET15,16
SHEET16
SHEET8
SHEET14,15,16
SHEET9,15
SHEET10,14,16
SHEET16
SHEET10,12,15
SHEET15,16
SHEET10,12,15,16
SHEET10,11
SHEET12,15
SHEET8,10,11
SHEET10,12
SHEET10,12,15
SHEET15,16
SHEET14,15,16
ANALOG SIGNAL PWB ASS'Y(2/3) CN002 (SHEET5)
EDGE FINGER
SHEET8
SHEET9
SHEET10
SHEET7
DIGITAL INPUT BLOCK

- NOTE -

0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : 1SS355-X

DIFFRENCE LIST

NOTE	32, 26	32, 26	32, 26
DESTI NATION	UK	EU	ASIA
ASSY NO.			SRP-0D501A , SRP-0D504A
			OLLC08851 (etc)
R7721	10k	OPEN	OPEN
R7722	1k	OPEN	OPEN
R7727	47k	OPEN	OPEN
R7728	100	OPEN	OPEN
CN0ID	QGA1501F4-05W	OPEN	OPEN
C7536	47p	47p	OPEN
TP9001	OPEN	OPEN	OPEN
TP9002	OPEN	OPEN	OPEN
TP9003	OPEN	OPEN	OPEN

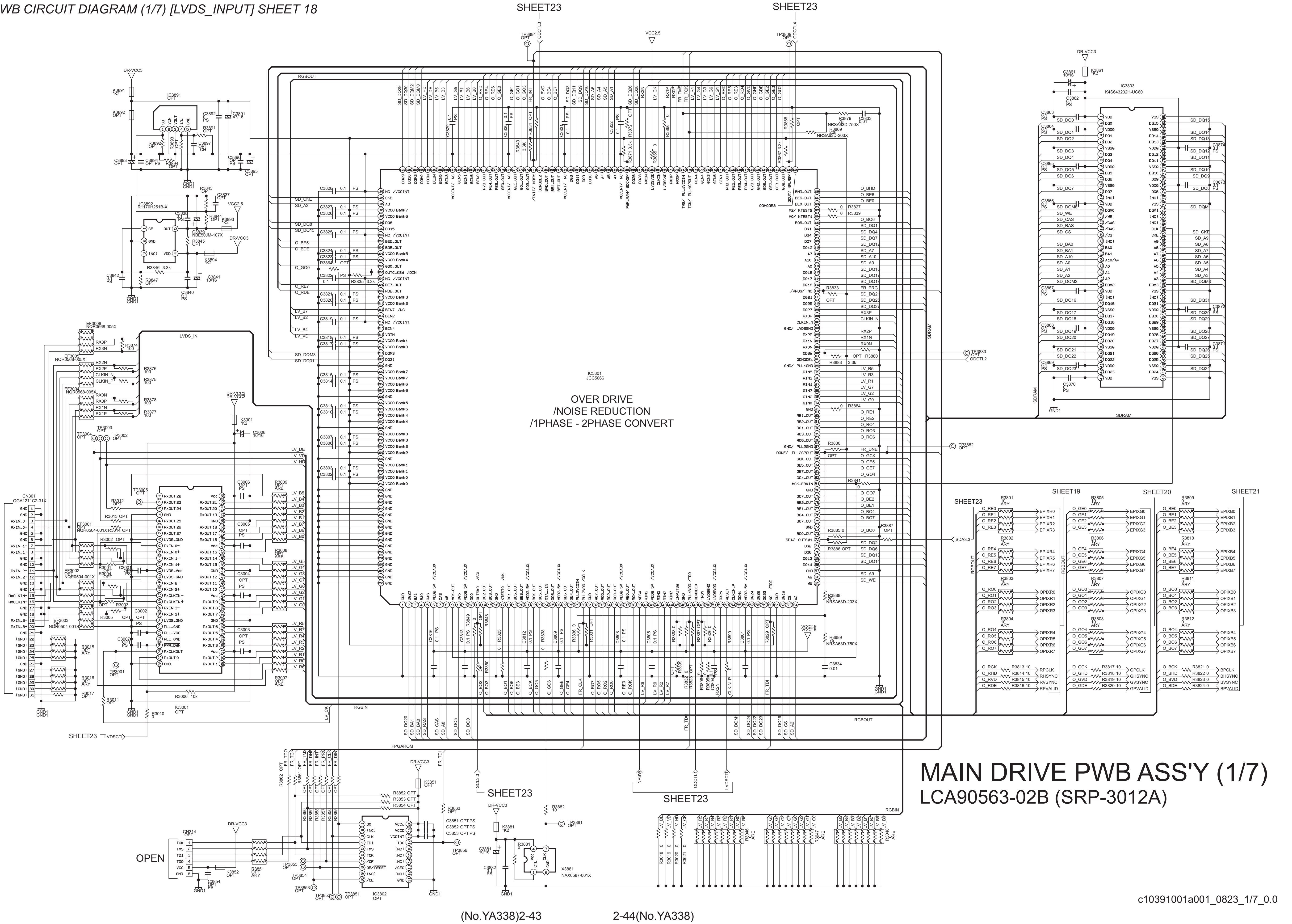
DIGITAL SIGNAL PWB ASS'Y (11/11)

LCA10557-22B (SRP-0D502A) [HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S]
LCA10557-21B (SRP-0D501A) [HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S]

NOTE : Refer to the part list for the part number of IC7504.

c10398001a012_0913_12/12_0.0

MAIN DRIVE PWB CIRCUIT DIAGRAM (1/7) [LVDS_INPUT] SHEET 18


SHEET23
SHEET23
RGBOUT
IC3891
IC3892
RT170H251B-X
DR-VCC3
VCC2.5
LVDS_IN
CN301
QGA1211C2-31X
DIGITALSIGNAL
PWB ASSY(7/11)
CN0LV2
(SHEET13)
IC3001
IC3801
JCC5066
OVER DRIVE
/NOISE REDUCTION
/1PHASE - 2PHASE CONVERT
IC3803
K4S643232H-UC60
SDRAM
SHEET23
SHEET19
SHEET20
SHEET21
RGBIN
FPGAROM
SHEET23
SHEET23
CN314
OPEN
IC3802
X3881
NAX0587-001X

MAIN DRIVE PWB ASS'Y (1/7)

LCA90563-02B (SRP-3012A)

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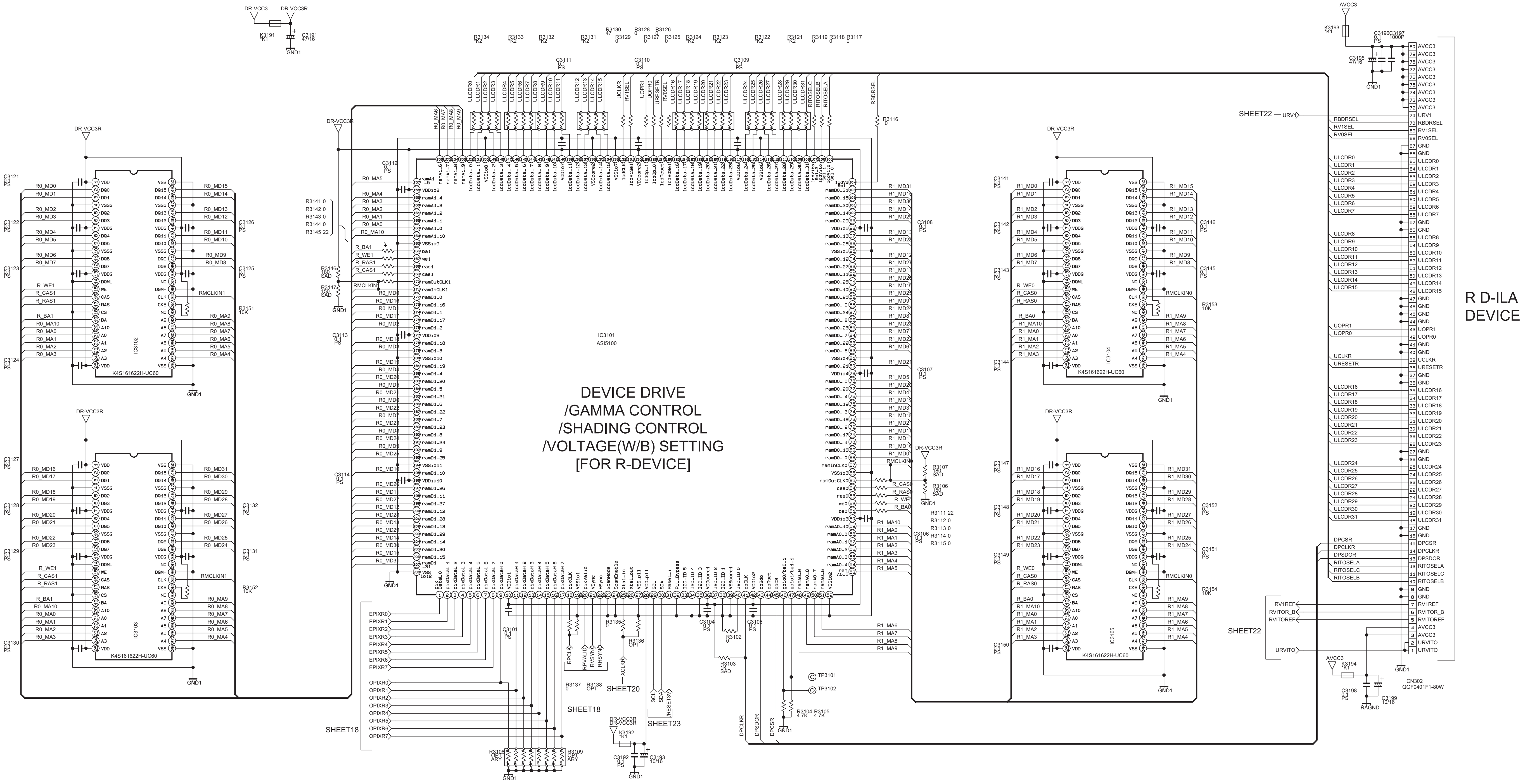
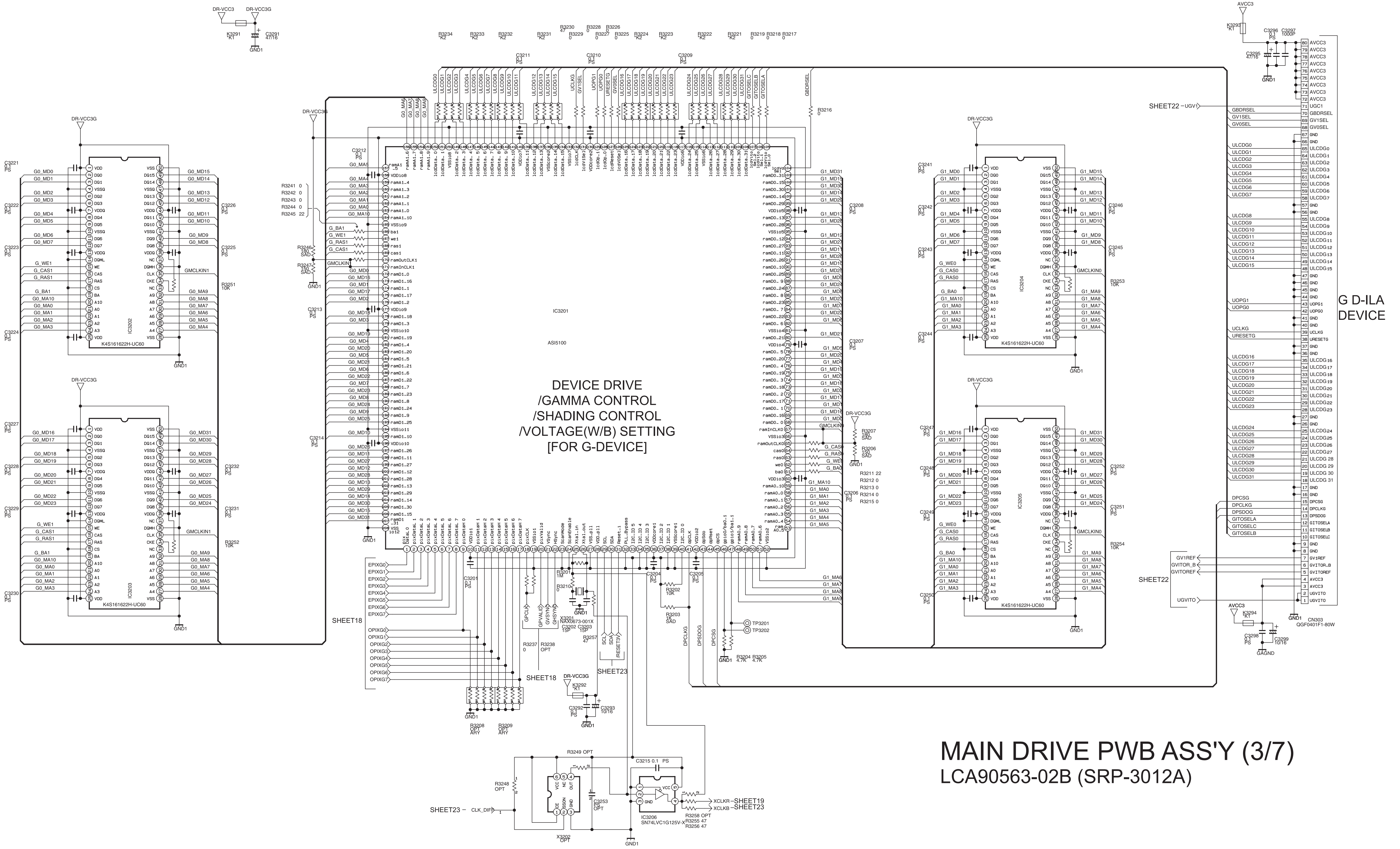
MAIN DRIVE PWB ASS'Y (2/7)

LCA90563-02B (SRP-3012A)


DEVICE DRIVE
/GAMMA CONTROL
/SHADING CONTROL
/VOLTAGE(W/B) SETTING
[FOR R-DEVICE]
IC3101
ASI5100
IC3102
IC3103
IC3104
IC3105
K4S161622H-UC60
R D-ILA
DEVICE
CN302
QGF0401F1-80W
SHEET18
SHEET20
SHEET22
SHEET23
DR-VCC3R
DR-VCC3
AVCC3
GND1
RAGND
TP3101
TP3102

c10391001a002_0823_2/7_0.0

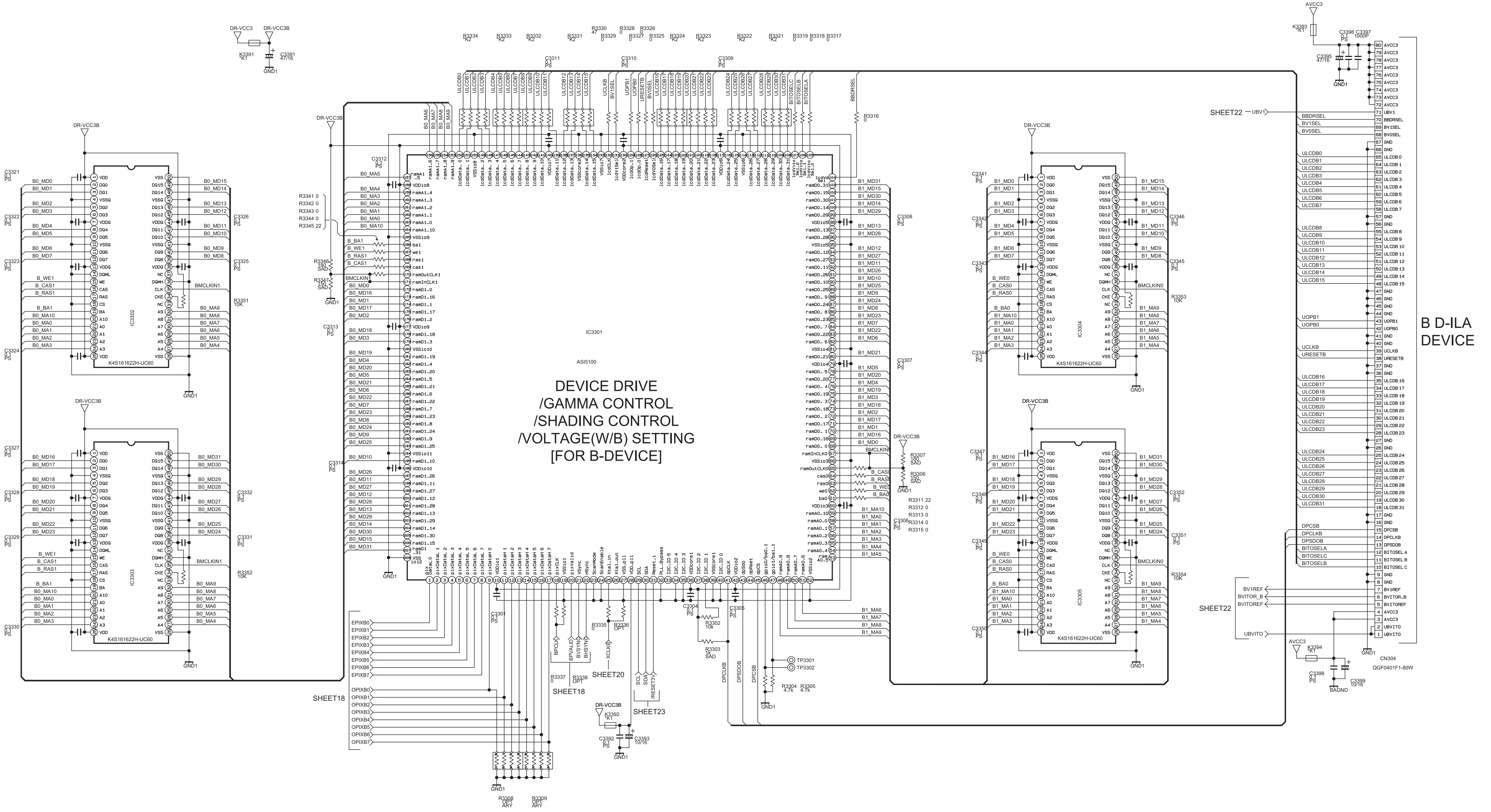

DEVICE DRIVE
/GAMMA CONTROL
/SHADING CONTROL
/VOLTAGE(W/B) SETTING
[FOR G-DEVICE]
IC3201
ASIS100
IC3202
IC3203
IC3204
IC3205
K4S161622H-UC60
G D-ILA DEVICE
CN303
QGF0401F1-80W
SHEET18
SHEET22
SHEET23
SHEET19
DR-VCC3
DR-VCC3G
AVCC3
GND1
GAGND
IC3206
SN74LVC1G125V-X
X3201
NAX0673-001X
X3202
OPT
CLK_DIFF
XCLKR
XCLKB
EPIXG0
EPIXG1
EPIXG2
EPIXG3
EPIXG4
EPIXG5
EPIXG6
EPIXG7
OPIXG0
OPIXG1
OPIXG2
OPIXG3
OPIXG4
OPIXG5
OPIXG6
OPIXG7
GMCLKIN1
GMCLKIN0
TP3201
TP3202
GV1REF
GVITOR_B
GVITOREF
UGVITO
DPCSG
DPCLKG
DPSDOG
GITOSELA
GITOSELC
GITOSELB
GBDRSEL
GV1SEL
GV0SEL
UOPG1
UOPG0
UCLKG
URESETG

MAIN DRIVE PWB ASS'Y (3/7)
LCA90563-02B (SRP-3012A)

c10391001a003_0823_3/7_0.0

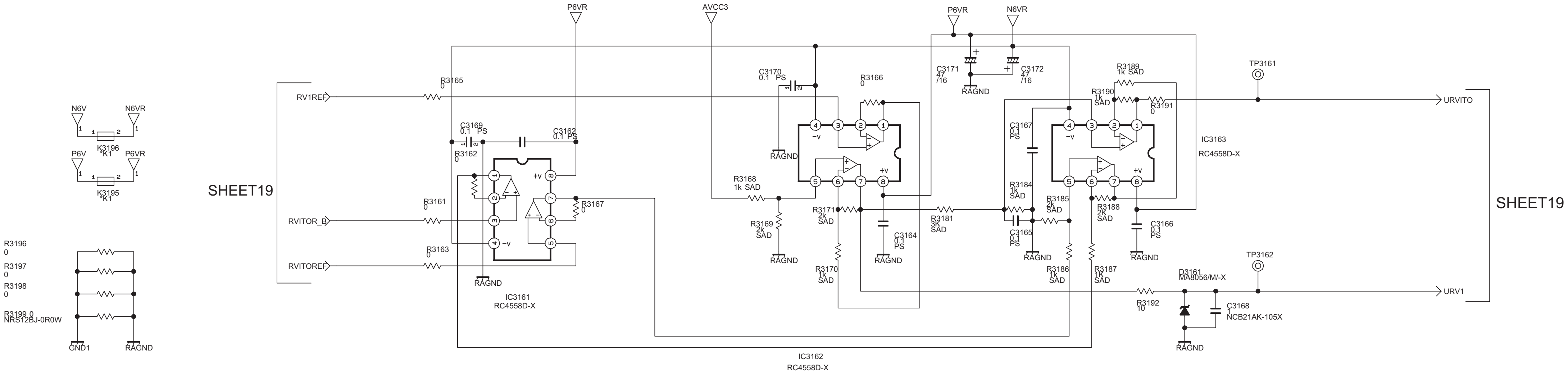
MAIN DRIVE PWB ASS'Y (4/7)

LCA90563-02B (SRP-3012A)


DEVICE DRIVE
/GAMMA CONTROL
/SHADING CONTROL
/VOLTAGE(W/B) SETTING
[FOR B-DEVICE]
IC3301
ASI5100
IC3302
IC3303
IC3304
IC3305
K4S161622H-UC60
B D-ILA
DEVICE
CN304
QGF0401F1-80W
SHEET18
SHEET20
SHEET22
SHEET23
DR-VCC3
DR-VCC3B
AVCC3
GND1
BAGND

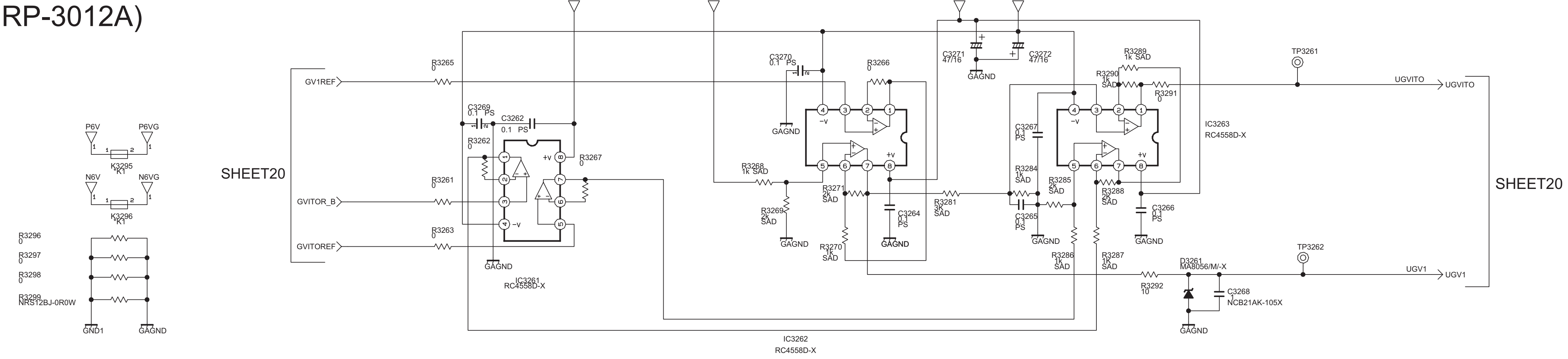
c10391001a004_0823_4/7_0.0

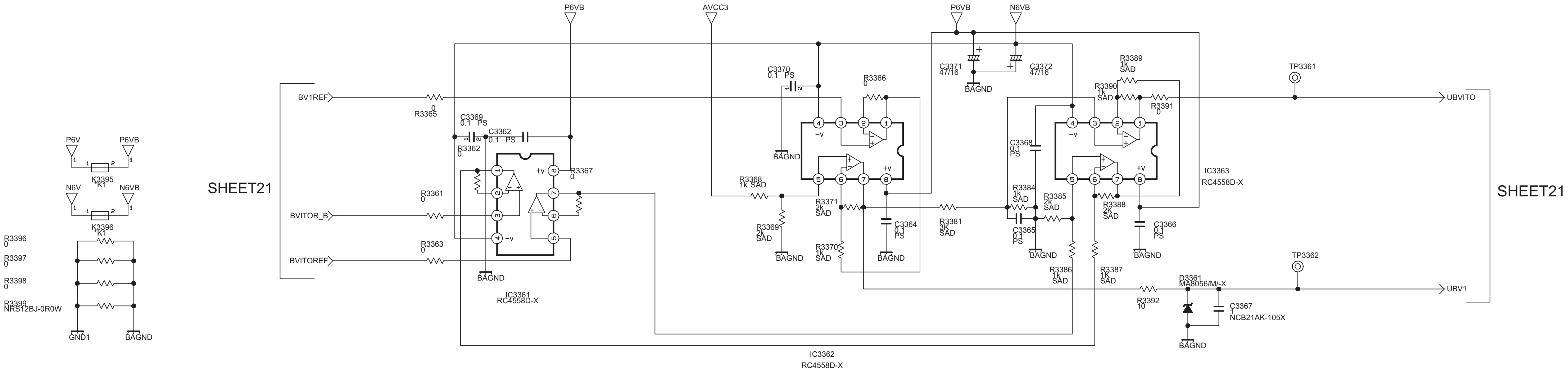
MAIN DRIVE PWB CIRCUIT DIAGRAM (5/7) [ANALOG_DRIVER] SHEET 22


P6VR
AVCC3
P6VR
N6VR
N6V
N6VR
K3196
P6V
P6VR
K3195
SHEET19
RV1REF
RVITOR_B
RVITOREF
R3165
C3169 0.1 PS
C3163 0.1 PS
R3162
R3161
R3163
R3167
IC3161 RC4558D-X
RAGND
C3170 0.1 PS
R3166
R3168 1k SAD
R3169 2k SAD
R3171 2k SAD
R3170 1k SAD
C3164 0.1 PS
C3171 47 /16
C3172 47 /16
IC3162 RC4558D-X
C3167 0.1 PS
R3184 1k SAD
R3185 2k SAD
C3165 0.1 PS
R3181 2k SAD
R3186 1k SAD
R3187 1k SAD
R3188 2k SAD
R3189 1k SAD
R3190 1k SAD
R3191 0
C3166 0.1 PS
IC3163 RC4558D-X
TP3161
TP3162
D3161 MA8056/M/-X
R3192 10
C3168 1 NCB21AK-105X
URVITO
URV1
SHEET19
R3196 0
R3197 0
R3198 0
R3199 0 NRS12BJ-0R0W
GND1
RAGND

MAIN DRIVE PWB ASS'Y (5/7)

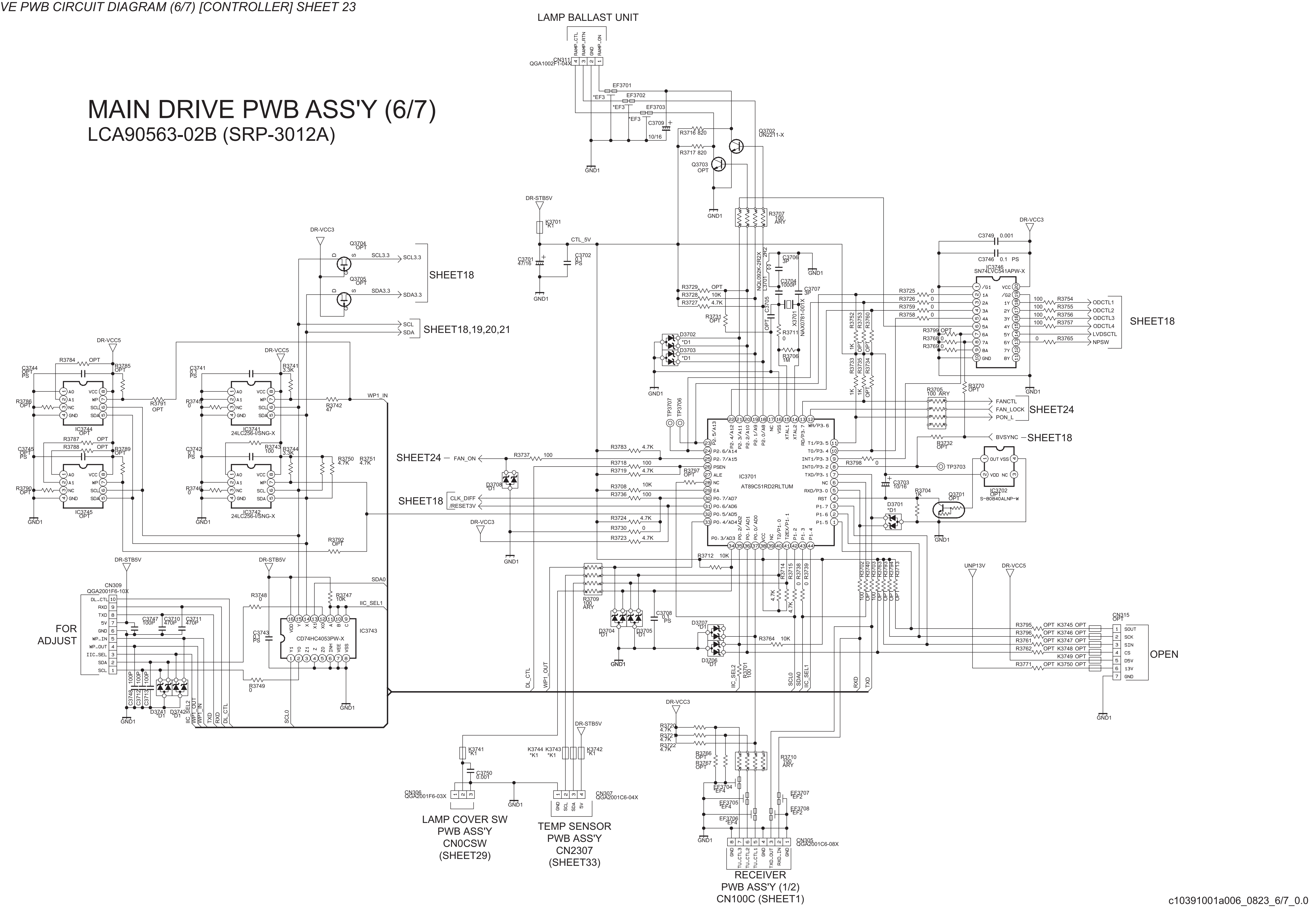
LCA90563-02B (SRP-3012A)


P6VG
AVCC3
P6VG
N6VG
P6V
P6VG
K3295
N6V
N6VG
K3296
SHEET20
GV1REF
GVITOR_B
GVITOREF
R3265
C3269 0.1 PS
C3262 0.1 PS
R3262
R3261
R3263
R3267
IC3261 RC4558D-X
GAGND
C3270 0.1 PS
R3266
R3268 1k SAD
R3269 2k SAD
R3271 2k SAD
R3270 1k SAD
C3264 0.1 PS
C3271 47/16
C3272 47/16
IC3262 RC4558D-X
C3267 0.1 PS
R3284 1k SAD
R3285 2k SAD
C3265 0.1 PS
R3281 2k SAD
R3286 1k SAD
R3287 1k SAD
R3288 2k SAD
R3289 1k SAD
R3290 1k SAD
R3291 0
C3266 0.1 PS
IC3263 RC4558D-X
TP3261
TP3262
D3261 MA8056/M/-X
R3292 10
C3268 1 NCB21AK-105X
UGVITO
UGV1
SHEET20
R3296 0
R3297 0
R3298 0
R3299 0 NRS12BJ-0R0W
GND1
GAGND


P6VB
AVCC3
P6VB
N6VB
P6V
P6VB
K3395
N6V
N6VB
K3396
SHEET21
BV1REF
BVITOR_B
BVITOREF
R3365 0
C3369 0.1 PS
C3362 0.1 PS
R3362
R3361
R3363
R3367
IC3361 RC4558D-X
BAGND
C3370 0.1 PS
R3366
R3368 1k SAD
R3369 2k SAD
R3371 2k SAD
R3370 1k SAD
C3364 0.1 PS
C3371 47/16
C3372 47/16
IC3362 RC4558D-X
C3368 0.1 PS
R3384 1k SAD
R3385 2k SAD
C3365 0.1 PS
R3381 2k SAD
R3386 1k SAD
R3387 1k SAD
R3388 2k SAD
R3389 1k SAD
R3390 1k SAD
R3391 0
C3366 0.1 PS
IC3363 RC4558D-X
TP3361
TP3362
D3361 MA8056/M/-X
R3392 10
C3367 1 NCB21AK-105X
UBVITO
UBV1
SHEET21
R3396 0
R3397 0
R3398 0
R3399 0 NRS12BJ-0R0W
GND1
BAGND

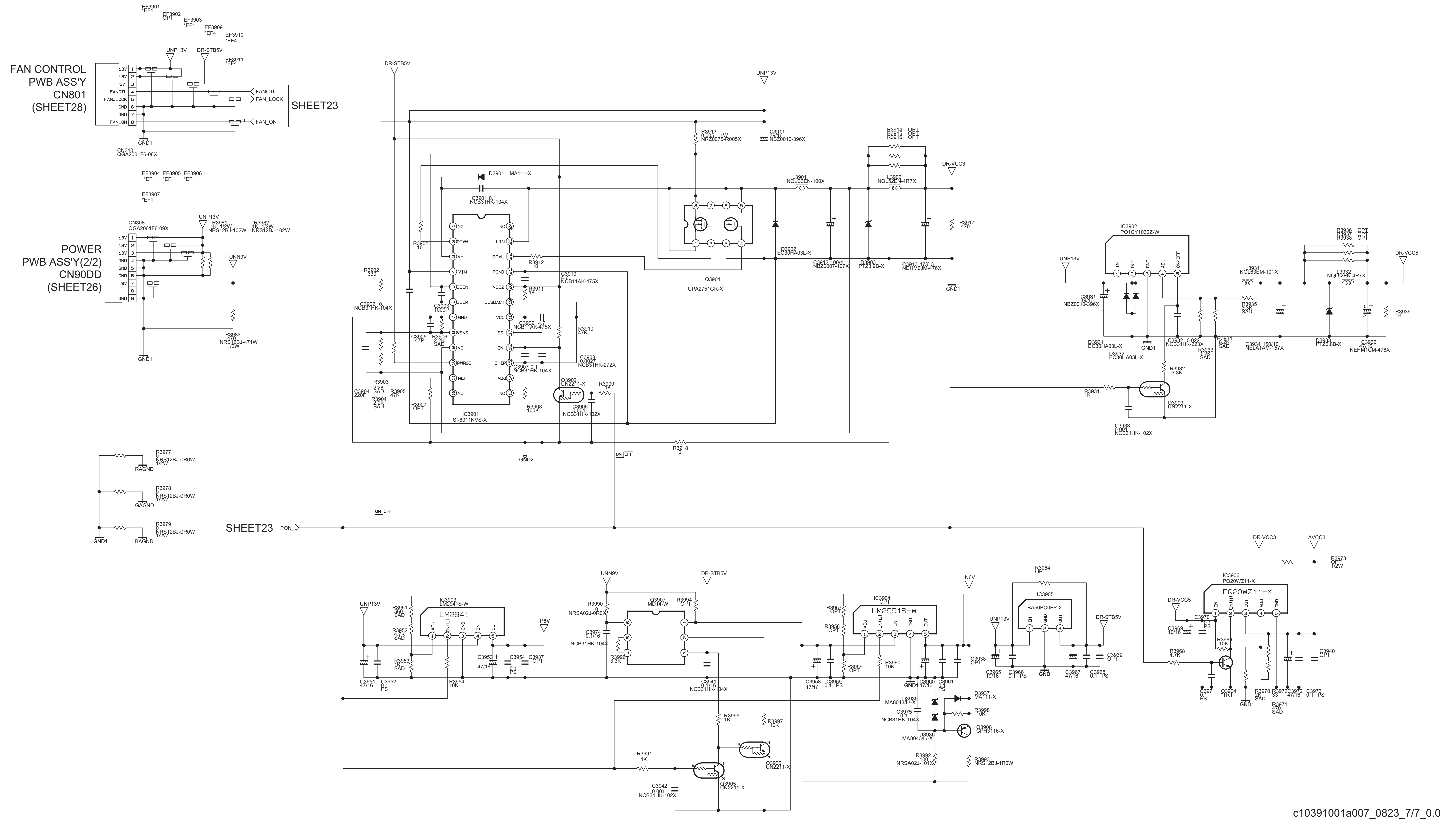
c10391001a005_0823_5/7_0.0

MAIN DRIVE PWB ASS'Y (6/7)
LCA90563-02B (SRP-3012A)


LAMP BALLAST UNIT
CN311 QGA1002F1-04X
RAMP_CTL
RAMP_RTN
GND
RAMP_ON
EF3701
EF3702
EF3703
*EF3
C3709 10/16
R3716 820
R3717 820
Q3702 UN2211-X
Q3703 OPT
GND1
DR-STB5V
K3701 *K1
CTL_5V
C3701 47/16
C3702 0.1 PS
R3707 100 ARY
C3706 3P
C3704 1000P
C3707 3P
L3701 NQL092K-2R2X
X3701 NAX0781-001X
C3705 OPT
R3729 OPT
R3728 10K
R3727 4.7K
R3731 OPT
R3711 0
R3706 1M
D3702 *D1
D3703 *D1
TP3707
TP3706
DR-VCC3
Q3704 OPT
Q3705 OPT
SCL3.3
SDA3.3
SHEET18
SCL
SDA
SHEET18,19,20,21
DR-VCC5
R3784 OPT
R3785 OPT
C3744 OPT PS
R3786 OPT
IC3744 OPT
R3791 OPT
R3787 OPT
R3788 OPT
R3789 OPT
C3745 OPT PS
R3790 OPT
IC3745 OPT
C3741 0.1 PS
R3741 3.3K
R3745 0
IC3741 24LC256-I/SNG-X
R3742 47
WP1_IN
C3742 0.1 PS
R3743 100
R3744 3.3K
R3750 4.7K
R3751 4.7K
R3746 0
IC3742 24LC256-I/SNG-X
A0
A1
NC
GND
VCC
WP
SCL
SDA
R3792 OPT
SHEET24
FAN_ON
R3737 100
D3708 *D1
SHEET18
CLK_DIFF
/RESET3V
R3783 4.7K
R3718 100
R3719 4.7K
R3797 OPT
R3708 10K
R3736 100
R3724 4.7K
R3730 0
R3723 4.7K
IC3701 AT89C51RD2RLTUM
P2.5/A13
P2.4/A12
P2.3/A11
P2.2/A10
P2.1/A9
P2.0/A8
NC
VSS
XTAL1
XTAL2
RD/P3.7
WR/P3.6
T1/P3.5
T0/P3.4
INT1/P3.3
INT0/P3.2
TXD/P3.1
NC
RXD/P3.0
RST
P1.7
P1.6
P1.5
P2.6/A14
P2.7/A15
PSEN
ALE
NC
EA
P0.7/AD7
P0.6/AD6
P0.5/AD5
P0.4/AD4
P0.3/AD3
P0.2/AD2
P0.1/AD1
P0.0/AD0
VCC
NC
T2/P1.0
T2EX/P1.1
P1.2
P1.3
P1.4
R3712 10K
R3709 100 ARY
R3714 4.7K
R3715 4.7K
R3738 0
R3739 0
C3708 0.1 PS
D3704 *D1
D3705 *D1
D3707 *D1
D3706 *D1
R3764 10K
R3702
R3740
R3703
R3763
R3794
R3713
IIC_SEL2
R3701 100
SCL0
SDA0
IIC_SEL1
RXD
TXD
DL_CTL
WP1_OUT
DR-VCC3
C3749 0.001
C3746 0.1 PS
IC3746 SN74LVC541APW-X
/G1
1A
2A
3A
4A
5A
6A
7A
8A
GND
VCC
/G2
1Y
2Y
3Y
4Y
5Y
6Y
7Y
8Y
R3725 0
R3726 0
R3759 0
R3758 0
R3799 OPT
R3768 0
R3769 0
R3752 1K
R3753 OPT
R3760 OPT
R3733 1K
R3735 1K
R3734 OPT
R3754 100
R3755 100
R3756 100
R3757 100
R3765 0
ODCTL1
ODCTL2
ODCTL3
ODCTL4
LVDSCTL
NPSW
SHEET18
R3705 100 ARY
R3770 OPT
FANCTL
FAN_LOCK
PON_L
SHEET24
BVSYNC
SHEET18
R3732 OPT
R3798 0
TP3703
IC3702 OPT S-80840ALNP-W
OUT VSS
VDD NC
C3703 10/16
R3704 1K
D3701 *D1
Q3701 OPT
GND1
UNP13V
DR-VCC5
R3795 OPT K3745 OPT
R3796 OPT K3746 OPT
R3761 OPT K3747 OPT
R3762 OPT K3748 OPT
K3749 OPT
R3771 OPT K3750 OPT
CN315 OPT
SOUT
SCK
SIN
CS
D5V
13V
GND
OPEN
DR-STB5V
CN309 QGA2001F6-10X
DL_CTL
RXD
TXD
5V
GND
WP_IN
WP_OUT
IIC_SEL
SDA
SCL
FOR ADJUST
C3747 100P
C3710 470P
C3711 470P
C3748 100P
C3712 100P
C3713 100P
D3741 *D1
D3742 *D1
IIC_SEL2
WP1_OUT
WP1_IN
TXD
RXD
DL_CTL
SCL0
R3748 0
R3747 10K
SDA0
IIC_SEL1
IC3743
CD74HC4053PW-X
C3743 0.1 PS
R3749 0
VDD
Y
X
X1
X0
A
B
C
Y1
Y0
Z1
Z
Z0
INH
VEE
VSS
K3741 *K1
C3750 0.001
K3744 *K1
K3743 *K1
K3742 *K1
CN306 QGA2001F6-03X
CN307 QGA2001C6-04X
GND
SCL
SDA
5V
LAMP COVER SW PWB ASS'Y CN0CSW (SHEET29)
TEMP SENSOR PWB ASS'Y CN2307 (SHEET33)
DR-VCC3
R3720 4.7K
R3721 4.7K
R3722 4.7K
R3766 OPT
R3767 OPT
R3710 100 ARY
EF3704 *EF4
EF3705 *EF4
EF3706 *EF4
EF3707 *EF2
EF3708 *EF2
CN305 QGA2001C6-08X
TU_CTL3
TU_CTL2
TU_CTL1
TXD_OUT
RXD_IN
RECEIVER PWB ASS'Y (1/2) CN100C (SHEET1)

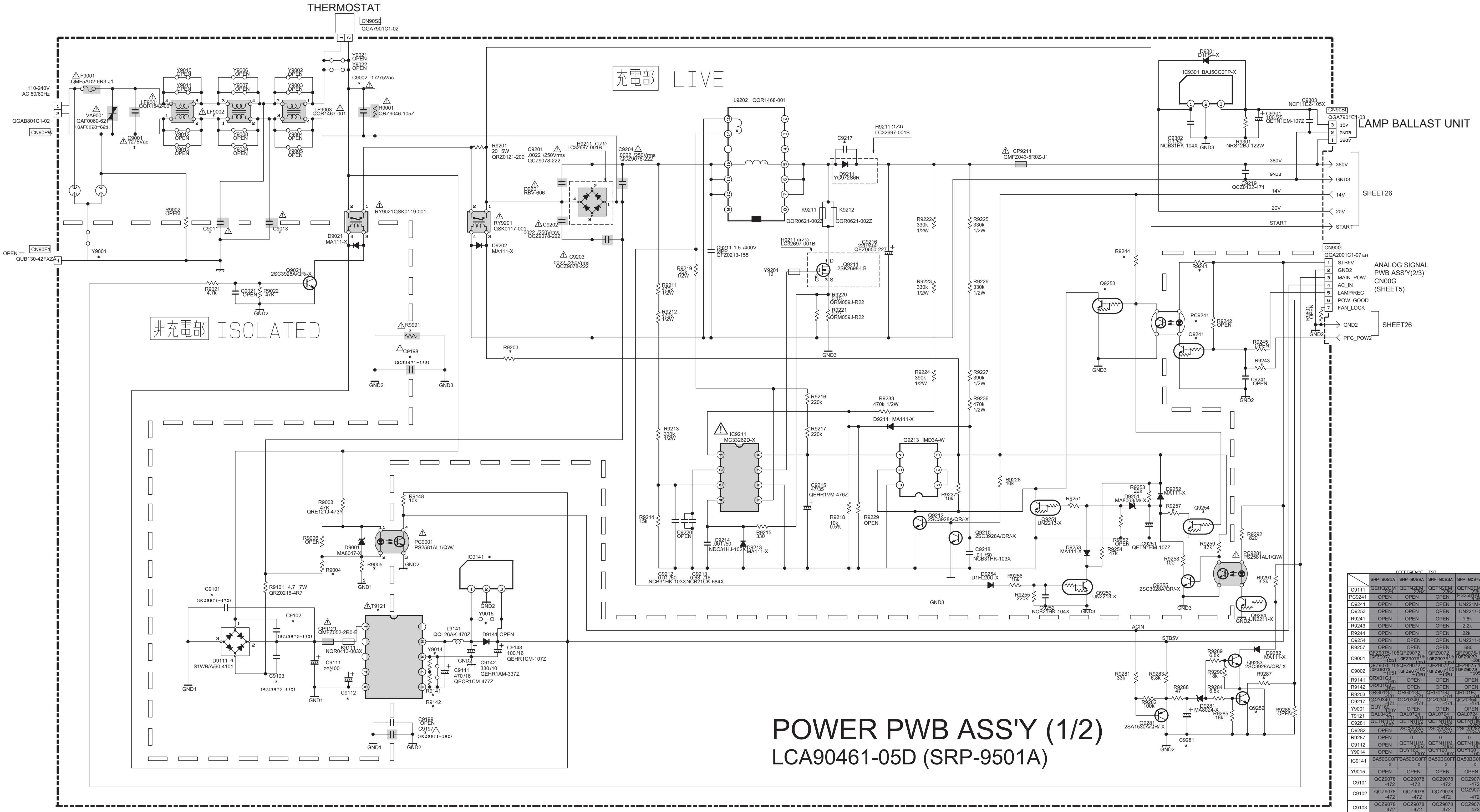
c10391001a006_0823_6/7_0.0

MAIN DRIVE PWB ASS'Y (7/7)
LCA90563-02B (SRP-3012A)


FAN CONTROL PWB ASS'Y CN801 (SHEET28)
SHEET23
CN310 QGA2001F6-08X
13V
5V
FANCTL
FAN_LOCK
GND
FAN_ON
GND1
EF3901 *EF1
EF3902 OPT
EF3903 *EF1
EF3909 *EF4
EF3910 *EF4
EF3911 *EF4
EF3904 *EF1
EF3905 *EF1
EF3906 *EF1
EF3907 *EF1
UNP13V
DR-STB5V
POWER PWB ASS'Y(2/2) CN90DD (SHEET26)
CN308 QGA2001F6-09X
-9V
UNN9V
R3981 1K 1/2W NRS12BJ-102W
R3982 1K 1/2W NRS12BJ-102W
R3983 470 NRS12BJ-471W 1/2W
D3901 MA111-X
C3901 0.1 NCB31HK-104X
IC3901 SI-8011NVS-X
NC
DRVH
VH
VIN
ISEN
ILIM
GND
VSNS
VO
PWRGD
REF
LIN
DRVL
PGND
VCC2
LOSDACT
VCC
SS
EN
SKIP
FADJ
R3901 10
R3902 330
C3902 0.1 NCB31HK-104X
C3903 1000P
C3904 220P
C3905 47P
R3903 2.2K SAD
R3904 2.2K SAD
R3905 47K
R3906 2.2K SAD
R3907 OPT
R3908 100K
R3909 1K
R3910 47K
R3911 18
R3912 10
R3913 0.005 1W NRZ0075-R005X
C3906 0.001 NCB31HK-102X
C3907 0.1 NCB31HK-104X
C3908 0.0027 NCB31HK-272X
C3909 4.7 NCB11AK-475X
C3910 4.7 NCB11AK-475X
C3911 39/16 NBZ0010-396X
Q3901 UPA2751GR-X
Q3902 UN2211-X
GND2
ON OFF
R3918 0
L3901 NQLB3EN-100X
L3902 NQL52EN-4R7X
R3914 OPT
R3915 OPT
R3916 OPT
D3902 EC30HA03L-X
D3903 PTZ3.9B-X
C3912 100/4 NBZ0007-107X
C3913 47/6.3 NEHM0JM-476X
DR-VCC3
R3917 470
GND1
IC3902 PQ1CY1032Z-W
IN OUT GND ADJ ON/OFF
C3931 39/16 NBZ0010-396X
D3931 EC30HA03L-X
D3932 EC30HA03L-X
C3932 0.022 NCB31HK-223X
R3933 1.2K SAD
R3934 6.2K SAD
R3935 1.5K SAD
L3931 NQL63EM-101X
L3932 NQL52EN-4R7X
R3936 OPT
R3937 OPT
R3938 OPT
C3934 150/10 NELA1AM-157X
D3933 PTZ6.8B-X
C3936 47/16 NEHM1CM-476X
R3939 1K
DR-VCC5
R3932 3.3K
R3931 1K
Q3903 UN2211-X
C3933 0.001 NCB31HK-102X
R3977 0 NRS12BJ-0R0W 1/2W
R3978 0 NRS12BJ-0R0W 1/2W
R3979 0 NRS12BJ-0R0W 1/2W
RAGND
GAGND
BAGND
GND1
SHEET23 PON
IC3903 LM2941S-W
LM2941
ADJ ON/(L) GND IN OUT
R3951 560 SAD
R3952 4.7K SAD
R3953 1K SAD
R3954 10K
C3951 47/16
C3952 0.1 PS
C3953 47/16
C3954 0.1 PS
C3937 OPT
P6V
Q3907 IMD14-W
R3990 0 NRSA02J-0R0X
R3994 OPT
R3996 3.3K
C3974 0.1/16 NCB31HK-104X
C3941 0.1/16 NCB31HK-104X
R3991 1K
R3995 1K
R3997 10K
Q3905 UN2211-X
Q3906 UN2211-X
C3942 0.001 NCB31HK-102X
N6V
IC3904 OPT
LM2991S-W
R3957 OPT
R3958 OPT
R3959 OPT
R3960 10K
C3958 47/16
C3959 0.1 PS
C3960 47/16
C3961 0.1 PS
C3938 OPT
D3935 MA8043/L/-X
D3936 MA8043/L/-X
D3937 MA111-X
C3975 0.1 NCB31HK-104X
R3998 10K
Q3908 CPH3116-X
R3992 100 NRSA02J-101X
R3993 1 NRS12BJ-1R0W
R3964 OPT
IC3905 BA50BC0FP-X
C3965 10/16
C3966 0.1 PS
C3967 47/16
C3968 0.1 PS
C3939 OPT
AVCC3
R3973 OPT 1/2W
IC3906 PQ20WZ11-X
PQ20WZ11-X
IN ON(H) OUT ADJ GND
C3969 10/16
C3970 0.1 PS
R3969 10K
R3968 4.7K
C3971 0.1 PS
Q3904 1R1
R3970 2K SAD
R3971 470 SAD
R3972 33
C3972 47/16
C3973 0.1 PS
C3940 OPT

c10391001a007_0823_7/7_0.0

POWER PWB CIRCUIT DIAGRAM (1/2) SHEET25


THERMOSTAT
CN90SE
QGA7901C1-02
110-240V
AC 50/60Hz
QGAB801C1-02
CN90PW
F9001
QMF5AD2-6R3-J1
VA9001
QAF0060-621
(QAF0020-621)
LF9001
QQR1542-001
LF9002
LF9003
QQR1467-001
C9001
275Vac
C9002 1/275Vac
R9001
QRZ9046-105Z
Y9010 OPEN
Y9011 OPEN
Y9012 OPEN
Y9013 OPEN
Y9006 OPEN
Y9007 OPEN
Y9008 OPEN
Y9009 OPEN
Y9002 OPEN
Y9003 OPEN
Y9004 OPEN
Y9005 OPEN
Y9021 OPEN
Y9022 OPEN
R9002 OPEN
C9011
C9013
Y9001
OPEN
CN90E1
QUB130-42FXZA
RY9021 QSK0119-001
D9021 MA111-X
Q9021 2SC3928A/QR/-X
R9021 4.7K
C9021 OPEN
R9022 47K
GND2
非充電部 ISOLATED
充電部 LIVE
R9991
C9198
(QCZ9071-222)
GND2
GND3
R9201 20 5W
QRZ0121-200
C9201 .0022 /250Vrms
QCZ9078-222
H9211 (1/3)
LC32697-001B
C9204 .0022 /250Vrms
QCZ9078-222
D9201 RBV-606
RY9201
QSK0117-001
C9202 .0022 /250Vrms
QCZ9078-222
C9203 .0022 /250Vrms
QCZ9078-222
D9202 MA111-X
R9203
L9202 QQR1468-001
C9217
H9211 (1/3)
LC32697-001B
D9211 YG972S6R
CP9211
QMFZ043-5R0Z-J1
K9211 QQR0621-002Z
K9212 QQR0621-002Z
C9211 1.5 /400V
QFZ0213-155
C9216 220 /450
QEZ0650-227
Q9211 2SK2698-LB
Y9201 10
R9220 0.15
QRM059J-R22
R9221 0.22
QRM059J-R22
R9219
R9211 470k 1/2W
R9212 470k 1/2W
R9222 330k 1/2W
R9223 330k 1/2W
R9224 390k 1/2W
R9225 330k 1/2W
R9226 330k 1/2W
R9227 390k 1/2W
R9236 470k 1/2W
R9216 220k
R9217 220k
R9233 470k 1/2W
D9214 MA111-X
R9213 330k 1/2W
IC9211 MC33262D-X
Q9213 IMD3A-W
R9228 10k
R9214 15k
C9215 47/35
QEHR1VM-476Z
R9218 10k 0.5%
R9229 OPEN
R9237 10k
Q9212 2SC3928A/QR/-X
Q9215 2SC3928A/QR/-X
C9220 OPEN
C9214 .001 /50
NDC31HJ-102X
D9213 MA111-X
R9215 330
C9218 .01 /50
NCB31HK-103X
C9212 .01 /50
NCB31HK-103X
C9213 0.68 /16
NCB21CK-684X
GND3
IC9301 BAJ5CC0FP-X
D9301 D1F54-X
C9303 NCF1TEZ-105X
C9301 100/25
QETN1EM-107Z
C9302 0.1/50
NCB31HK-104X
R9301 NRS12BJ-122W
GND3
CN90BL
QGA7901C1-03
15V GND3 380V
LAMP BALLAST UNIT
380V
GND3
14V
20V
START
C9219 QCZ0122-471
SHEET26
CN90G
QGA2001C1-07EH
STB5V GND2 MAIN_POW AC_IN LAMP/REC POW_GOOD FAN_LOCK
ANALOG SIGNAL
PWB ASS'Y(2/3)
CN00G
(SHEET5)
GND2
PFC_POW2
SHEET26
R9244
R9241
Q9253
PC9241
R9242 OPEN
Q9241
R9245 OPEN
R9243
C9241 OPEN
R9901 OPEN
GND3
GND2
R9253 22k
D9251 MA8068M/-X
D9252 MA111-X
R9251
Q9251 UN2213-X
R9257
Q9254
D9253 MA111-X
R9252 OPEN
R9254 47k
C9251 QETN1HM-107Z
R9259 47k
R9292 820
R9258 100
PC9281 PS2581AL1/QW/
D9254 D1FL20U-X
R9256 15k
R9255 220k
C9252 NCB21HK-104X
Q9252 UN2213-X
Q9255 2SC3928A/QR/-X
R9291 3.3k
Q9284 UN2211-X
GND3
GND2
ACIN
STB5V
R9289 6.8k
D9282 MA111-X
Q9283 2SC3928A/QR/-X
R9290 18k
R9287
R9281 33k
R9283 6.8k
R9288 47
R9284 6.8k
D9281 MA8024-X
R9285 18k
Q9282
R9286 OPEN
R9282 100k
Q9281 2SA1530A/QR/-X
C9281
GND2
R9003 47K
QRE121J-473Y
R9148 10k
R9006 OPEN
D9001 MA8047-X
PC9001 PS2581AL1/QW/
R9005
R9004
GND1
GND2
IC9141
GND2
Y9015
C9101
(QCZ9073-472)
R9101 4.7 7W
QRZ0216-4R7
C9102
(QCZ9073-472)
D9111 S1WB/A/60-4101
C9103
(QCZ9073-472)
GND1
CP9121 QMFZ052-2R0-E
R9111 NQR0413-003X
C9111 22/400
T9121
C9112
GND1
L9141 QQL26AK-470Z
D9141 OPEN
Y9014
C9143 100/16
QEHR1CM-107Z
C9142 330/10
QEHR1AM-337Z
C9141 470/16
QECR1CM-477Z
R9141
R9142
GND2
C9199 OPEN
C9197
(QCZ9071-102)
GND1
GND2

POWER PWB ASS'Y (1/2)
LCA90461-05D (SRP-9501A)

DIFFERENCE LIST

	SRP-9021A	SRP-9022A	SRP-9023A	SRP-9024A	SRP-9051A SRP-9052A
C9111	QEHQ2GM -226	QETN2EM -226Z	QETN2EM -226Z	QETN2EM -226Z	QEHQ2GM -226
PC9241	OPEN	OPEN	OPEN	PS2581AL1 /QW/	OPEN
Q9241	OPEN	OPEN	OPEN	UN221M-X	OPEN
Q9253	OPEN	OPEN	OPEN	UN2211-X	OPEN
R9241	OPEN	OPEN	OPEN	1.8k	OPEN
R9243	OPEN	OPEN	OPEN	2.2k	OPEN
R9244	OPEN	OPEN	OPEN	22k	OPEN
Q9254	OPEN	OPEN	OPEN	UN2211-X	OPEN
R9257	OPEN	OPEN	OPEN	680	OPEN
C9001	QFZ9075-105 (QFZ9072 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9075-105 (QFZ9072 -105)	QFZ9075 -105
C9002	QFZ9075-105 (QFZ9072 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9075-105 (QFZ9072 -105)	QFZ9075 -105
R9141	QRX01GJ -1R0	OPEN	OPEN	OPEN	OPEN
R9142	QRX01GJ -R82	OPEN	OPEN	OPEN	OPEN
R9203	QRG01GJ -181	QRG01GJ -221	QRG01GJ -181	QRL01EJ -181X	QRL01EJ -181X
C9217	QCZ0340 -471	QCZ0340 -471	QCZ0340 -471	QCZ0354 -471Z	QCZ0354 -471Z
Y9001	QUY160 -100Y	OPEN	OPEN	OPEN	OPEN
T9121	QAL0425 -001	QAL0724 -001	QAL0724 -001	QAL0724 -001	QAL0515 -002
C9281	QETN1HM -106Z	QETN1HM -226Z	QETN1HM -226Z	QETN1HM -226Z	QETN1HM -226Z
Q9282	OPEN	2SC3928A /QR/-X	2SC3928A /QR/-X	2SC3928A /QR/-X	2SC3928A /QR/-X
R9287	OPEN	0	0	0	0
C9112	OPEN	QETN1HM -105Z	QETN1HM -105Z	QETN1HM -105Z	OPEN
Y9014	OPEN	QUY160 -100Y	QUY160 -100Y	QUY160 -100Y	QUY160 -100Y
IC9141	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	OPEN
Y9015	OPEN	OPEN	OPEN	OPEN	0
C9101	QCZ9078 -472	QCZ9078 -472	QCZ9078 -472	QCZ9078 -472	OPEN
C9102	QCZ9078 -472	QCZ9078 -472	QCZ9078 -472	QCZ9078 -472	OPEN
C9103	QCZ9078 -472	QCZ9078 -472	QCZ9078 -472	QCZ9078 -472	OPEN
LF9002	QQR1466 -001	QQR1466 -001	QQR1466 -001	QQR1466 -001	QQR1693 -001
C9011	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -471
C9013	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -471
C9197	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -471
C9198	QCZ9079 -222	QCZ9079 -222	QCZ9079 -222	QCZ9079 -222	QCZ9079 -102
R9004	QRE121J -473Y	QRE121J -473Y	QRE121J -473Y	QRE121J -473Y	OPEN
R9005	OPEN	OPEN	OPEN	OPEN	QRE121J -104Y
R9991	QRZ9046 -685Z	QRZ9046 -685Z	QRZ9046 -685Z	QRZ9046 -685Z	QRZ9046 -825Z

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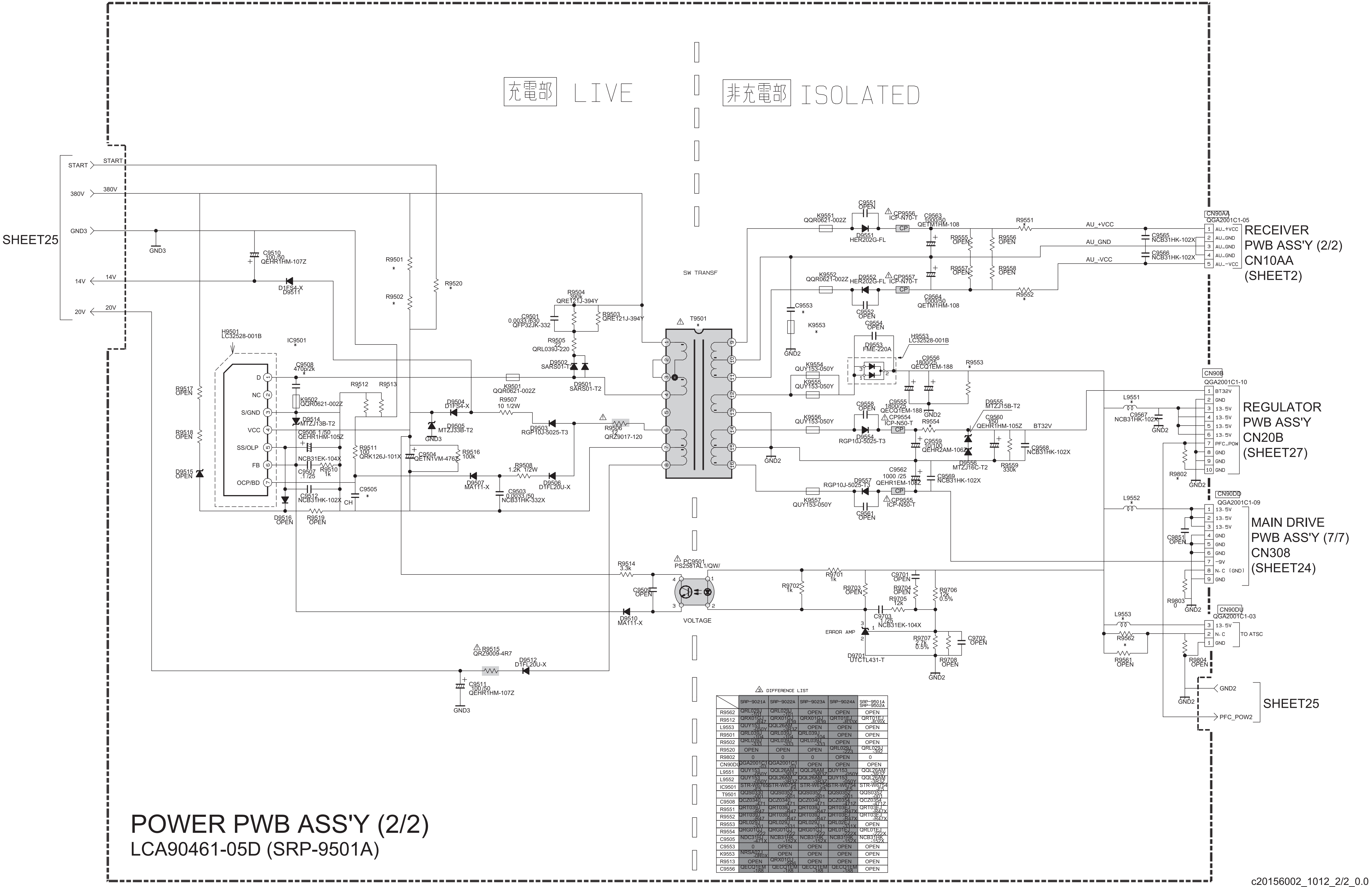
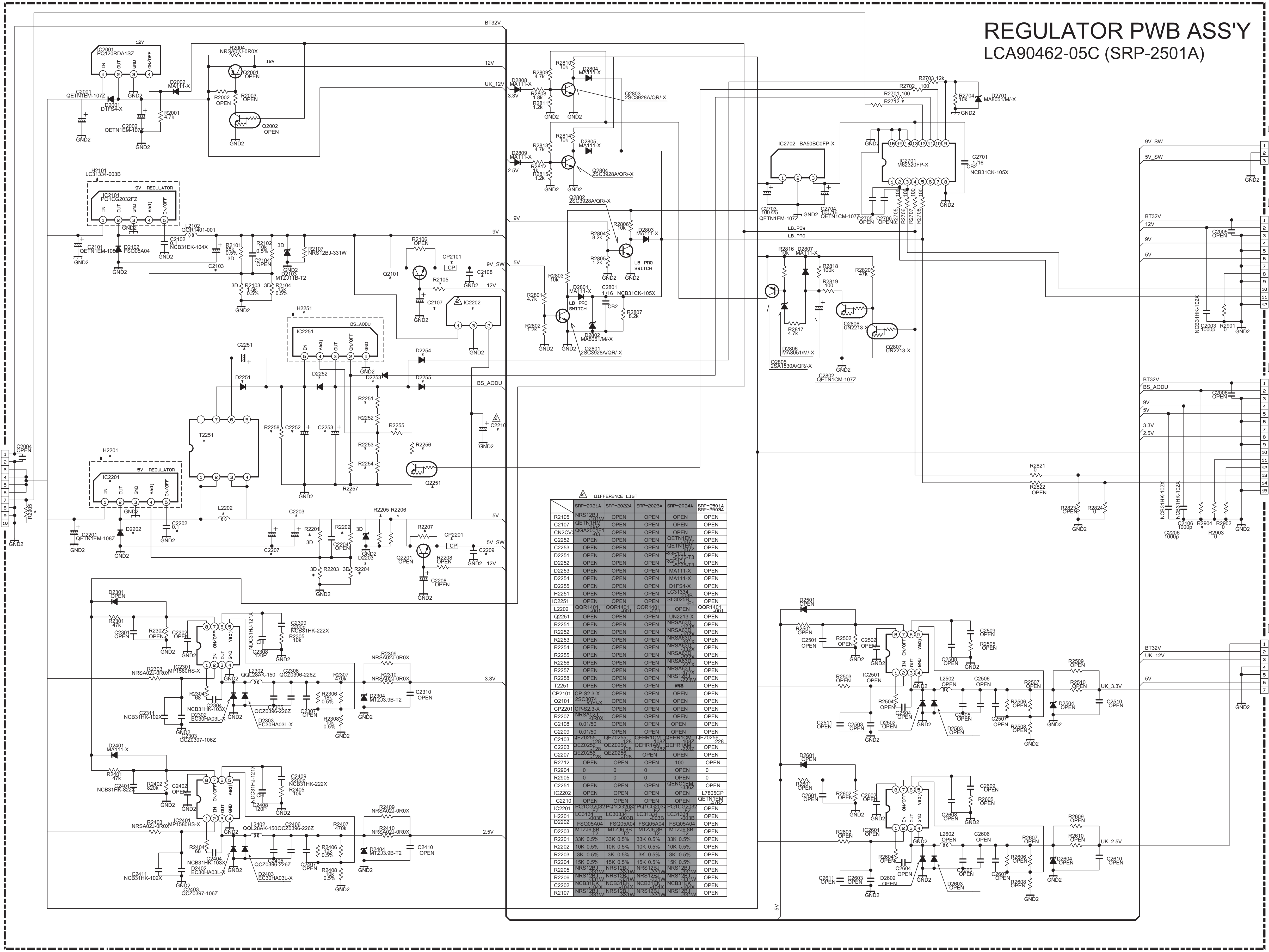

充電部 LIVE
非充電部 ISOLATED
SHEET25
START
380V
GND3
14V
20V
SW TRANSF
T9501
IC9501
H9501
LC32528-001B
D
NC
S/GND
VCC
SS/OLP
FB
OCP/BD
PC9501
PS2581AL1/QW/
VOLTAGE
ERROR AMP
D9701
UTCTL431-T
CN90AA
QGA2001C1-05
AU_+VCC
AU_GND
AU_-VCC
RECEIVER
PWB ASS'Y (2/2)
CN10AA
(SHEET2)
CN90B
QGA2001C1-10
BT32V
REGULATOR
PWB ASS'Y
CN20B
(SHEET27)
CN90DD
QGA2001C1-09
MAIN DRIVE
PWB ASS'Y (7/7)
CN308
(SHEET24)
CN90DU
QGA2001C1-03
TO ATSC
GND2
PFC_POW2
SHEET25
c20156002_1012_2/2_0.0

⚠3 DIFFERENCE LIST

	SRP-9021A	SRP-9022A	SRP-9023A	SRP-9024A	SRP-9501A SRP-9502A
R9562	QRL029J-101	QRL029J-101	OPEN	OPEN	OPEN
R9512	QRX01GJ-R47	QRX01GJ-R39	QRX01GJ-R39	QRT01EJ-R33X	QRT01EJ-R39X
L9553	QUY153-050Y	QQL26AM-3R3Z	OPEN	OPEN	OPEN
R9501	QRL039J-104	QRL039J-104	QRL039J-104	OPEN	OPEN
R9502	QRL039J-333	QRL039J-333	QRL039J-333	OPEN	OPEN
R9520	OPEN	OPEN	OPEN	QRL029J-223	QRL029J-392
R9802	0	0	0	OPEN	0
CN90DU	QGA2001C1-03	QGA2001C1-03	OPEN	OPEN	OPEN
L9551	QUY153-050Y	QQL26AM-3R3Z	QQL26AM-3R3Z	QUY153-050Y	QQL26AM-3R3Z
L9552	QUY153-050Y	QQL26AM-3R3Z	QQL26AM-3R3Z	QUY153-050Y	QQL26AM-3R3Z
IC9501	STR-W6765-F5	STR-W6754-F5	STR-W6754-F5	STR-W6754-F5	STR-W6754-F5
T9501	QQS0330-001	QQS0352-001	QQS0352-001	QQS0352-001	QQS0352-001
C9508	QCZ0340-471	QCZ0340-471	QCZ0340-471	QCZ0354-471Z	QCZ0354-471Z
R9551	QRT039J-R47	QRT039J-R47	QRT039J-R47	QRT03EJ-R47X	QRT03EJ-R47X
R9552	QRT039J-R47	QRT039J-R47	QRT039J-R47	QRT03EJ-R47X	QRT03EJ-R47X
R9553	QRL029J-331	QRL029J-331	QRL029J-331	QRL02EJ-331X	OPEN
R9554	QRG01GJ-222	QRG01GJ-222	QRG01GJ-222	QRL01EJ-222X	QRL01EJ-222X
C9505	NDC31HJ-471X	NCB31HK-152X	NCB31HK-152X	NCB31HK-152X	NCB31HK-152X
C9553	0	OPEN	OPEN	OPEN	OPEN
K9553	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN
R9513	OPEN	QRX01GJ-5R6	OPEN	OPEN	OPEN
C9556	QECQ1EM-188	QECQ1EM-188	QECQ1EM-188	QECQ1EM-188	OPEN

POWER PWB ASS'Y (2/2)
LCA90461-05D (SRP-9501A)

REGULATOR PWB CIRCUIT DIAGRAM SHEET27


REGULATOR PWB ASS'Y
LCA90462-05C (SRP-2501A)
POWER PWB ASS'Y(2/2) CN90B (SHEET26)
CN209 QGA2001C1-10
ANALOG SIGNAL PWB ASS'Y(2/3) CN00D (SHEET5)
CN20D QGA2001F1-12
DIGITAL SIGNAL PWB ASS'Y(11/11) CN003 (SHEET17)
CN203 QGA2001C1-15
CN2CV3
CN2UP
OPEN
OPEN
IC2001 PQ120RDA1SZ
IC2101 PQ1CG2032FZ
9V REGULATOR
IC2201
5V REGULATOR
IC2251
BS_AODU
IC2202
IC2301 MP1580HS-X
IC2401 MP1580HS-X
IC2702 BA50BC0FP-X
IC2701 M62320FP-X
IC2501
IC2601
T2251
BT32V
12V
UK_12V
9V
9V_SW
5V
5V_SW
3.3V
2.5V
UK_3.3V
UK_2.5V
LB_POW
LB_PRO
GND2

△2 DIFFERENCE LIST

	SRP-2021A	SRP-2022A	SRP-2023A	SRP-2024A	SRP-2501A SRP-2503A
R2105	NRS12BJ -101W	OPEN	OPEN	OPEN	OPEN
C2107	QETN1HM -105Z	OPEN	OPEN	OPEN	OPEN
CN2CV3	QGA2001F1 -03	OPEN	OPEN	OPEN	OPEN
C2252	OPEN	OPEN	OPEN	QETN1EM -107Z	OPEN
C2253	OPEN	OPEN	OPEN	QETN1EM -107Z	OPEN
D2251	OPEN	OPEN	OPEN	RGP10J -5025-T3	OPEN
D2252	OPEN	OPEN	OPEN	RGP10J -5025-T3	OPEN
D2253	OPEN	OPEN	OPEN	MA111-X	OPEN
D2254	OPEN	OPEN	OPEN	MA111-X	OPEN
D2255	OPEN	OPEN	OPEN	D1FS4-X	OPEN
H2251	OPEN	OPEN	OPEN	LC31334 -003B	OPEN
IC2251	OPEN	OPEN	OPEN	SI-3025B -F1	OPEN
L2202	QQR1401 -001	QQR1401 -001	QQR1401 -001	OPEN	QQR1401 -001
Q2251	OPEN	OPEN	OPEN	UN2213-X	OPEN
R2251	OPEN	OPEN	OPEN	NRSA63D -123X	OPEN
R2252	OPEN	OPEN	OPEN	NRSA63D -102X	OPEN
R2253	OPEN	OPEN	OPEN	NRSA63D -331X	OPEN
R2254	OPEN	OPEN	OPEN	NRSA63D -332X	OPEN
R2255	OPEN	OPEN	OPEN	NRSA63D -822X	OPEN
R2256	OPEN	OPEN	OPEN	NRSA63D -221X	OPEN
R2257	OPEN	OPEN	OPEN	NRSA63J -472X	OPEN
R2258	OPEN	OPEN	OPEN	NRS12BJ -223W	OPEN
T2251	OPEN	OPEN	OPEN	新部品	OPEN
CP2101	ICP-S2.3-X	OPEN	OPEN	OPEN	OPEN
Q2101	2SC3074 /OY/-X	OPEN	OPEN	OPEN	OPEN
CP2201	ICP-S2.3-X	OPEN	OPEN	OPEN	OPEN
R2207	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN
C2108	0.01/50	OPEN	OPEN	OPEN	OPEN
C2209	0.01/50	OPEN	OPEN	OPEN	OPEN
C2103	QEZ0255 -128	QEZ0255 -128	QEHR1CM -108Z	QEHR1CM -108Z	QEZ0256 -228
C2203	QEZ0256 -128	QEZ0256 -128	QEHR1AM -228Z	QEHR1AM -228Z	OPEN
C2207	QEZ0256 -128	QEZ0256 -128	OPEN	OPEN	OPEN
R2712	OPEN	OPEN	OPEN	100	OPEN
R2904	0	0	0	OPEN	0
R2905	0	0	0	OPEN	0
C2251	OPEN	OPEN	OPEN	QENC1EM -336Z	OPEN
IC2202	OPEN	OPEN	OPEN	OPEN	L7805CP
C2210	OPEN	OPEN	OPEN	OPEN	QETN1EM -476Z
IC2201	PQ1CG2032 FZ	PQ1CG2032 FZ	PQ1CG2032 FZ	PQ1CG2032 FZ	OPEN
H2201	LC3134 -003B	LC30334 -003B	LC31334 -003B	LC31334 -003B	OPEN
D2202	FSQ05A04	FSQ05A04	FSQ05A04	FSQ05A04	OPEN
D2203	MTZJ6.8B -T2	MTZJ6.8B -T2	MTZJ6.8B -T2	MTZJ6.8B -T2	OPEN
R2201	33K 0.5%	33K 0.5%	33K 0.5%	33K 0.5%	OPEN
R2202	10K 0.5%	10K 0.5%	10K 0.5%	10K 0.5%	OPEN
R2203	3K 0.5%	3K 0.5%	3K 0.5%	3K 0.5%	OPEN
R2204	15K 0.5%	15K 0.5%	15K 0.5%	15K 0.5%	OPEN
R2205	NRS12BJ -331W	NRS12BJ -331W	NRS12BJ -331W	NRS12BJ -331W	OPEN
R2206	NRS12BJ -331W	NRS12BJ -331W	NRS12BJ -331W	NRS12BJ -331W	OPEN
C2202	NCB31EK -104X	NCB31EK -104X	NCB31EK -104X	NCB31EK -104X	OPEN
R2107	NRS12BJ -331W	NRS12BJ -331W	NRS12BJ -331W	NRS12BJ -331W	OPEN

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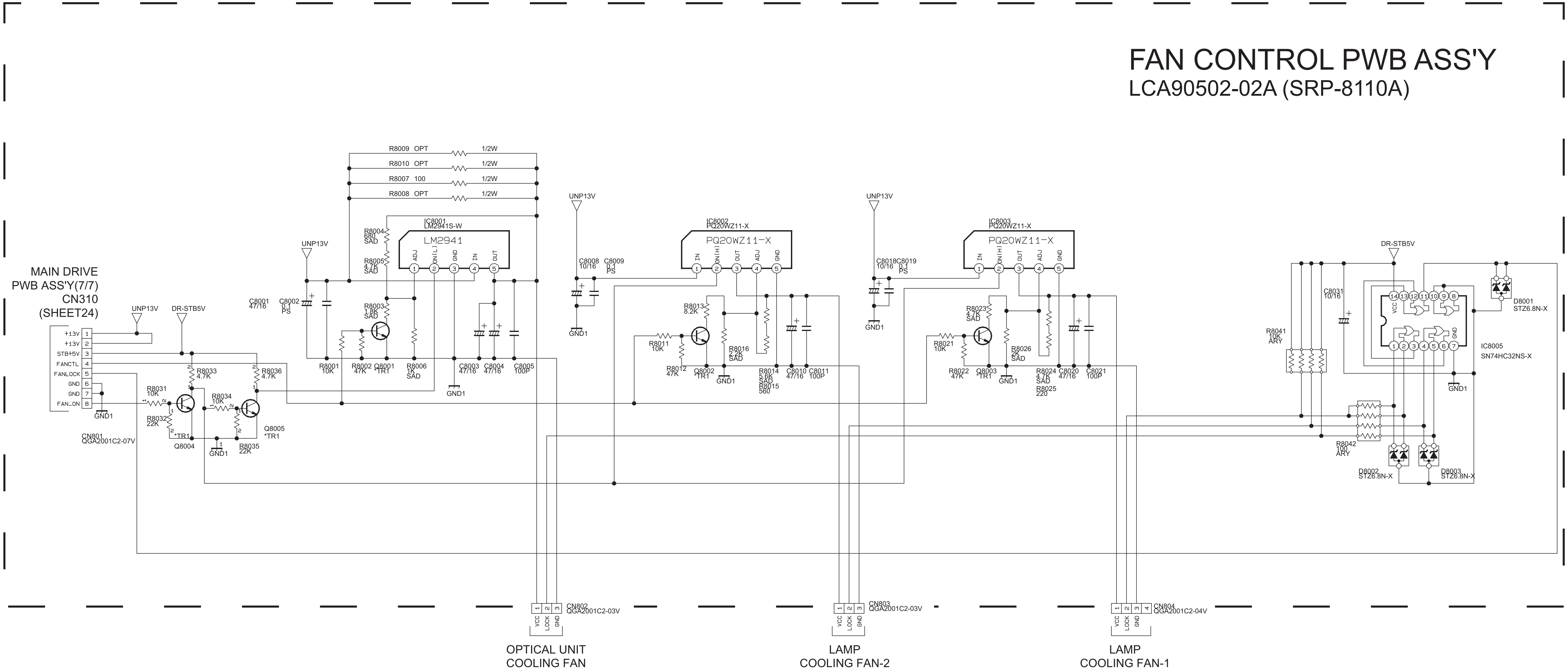
FAN CONTROL PWB ASS'Y
LCA90502-02A (SRP-8110A)
MAIN DRIVE
PWB ASS'Y(7/7)
CN310
(SHEET24)
+13V 1
+13V 2
STB+5V 3
FANCTL 4
FANLOCK 5
GND 6
GND 7
FAN_ON 8
GND1
CN801
QGA2001C2-07V
UNP13V
DR-STB5V
R8031 10K
R8032 22K
*TR1
Q8004
R8033 4.7K
R8034 10K
R8035 22K
GND1
R8036 4.7K
Q8005 *TR1
R8009 OPT 1/2W
R8010 OPT 1/2W
R8007 100 1/2W
R8008 OPT 1/2W
UNP13V
C8001 47/16
C8002 0.1 PS
R8004 680 SAD
R8005 4.7K SAD
R8003 1.8K SAD
IC8001
LM2941S-W
LM2941
ADJ
ON(L)
GND
IN
OUT
R8001 10K
R8002 47K
Q8001 *TR1
R8006 1K SAD
C8003 47/16
C8004 47/16
C8005 100P
GND1
UNP13V
C8008 10/16
C8009 0.1 PS
GND1
IC8002
PQ20WZ11-X
PQ20WZ11-X
IN
ON(H)
OUT
ADJ
GND
R8013 8.2K
R8011 10K
R8012 47K
Q8002 *TR1
GND1
R8016 2.2K SAD
R8014 5.6K SAD
R8015 560
C8010 47/16
C8011 100P
UNP13V
C8018 10/16
C8019 0.1 PS
GND1
IC8003
PQ20WZ11-X
PQ20WZ11-X
IN
ON(H)
OUT
ADJ
GND
R8023 4.7K SAD
R8021 10K
R8022 47K
Q8003 *TR1
GND1
R8026 2K SAD
R8024 4.7K SAD
R8025 220
C8020 47/16
C8021 100P
DR-STB5V
C8031 10/16
R8041 10K ARY
R8042 100 ARY
VCC
GND
IC8005
SN74HC32NS-X
GND1
D8001 STZ6.8N-X
D8002 STZ6.8N-X
D8003 STZ6.8N-X
CN802 QGA2001C2-03V
VCC LOCK GND
OPTICAL UNIT
COOLING FAN
CN803 QGA2001C2-03V
VCC LOCK GND
LAMP
COOLING FAN-2
CN804 QGA2001C2-04V
VCC LOCK GND
LAMP
COOLING FAN-1

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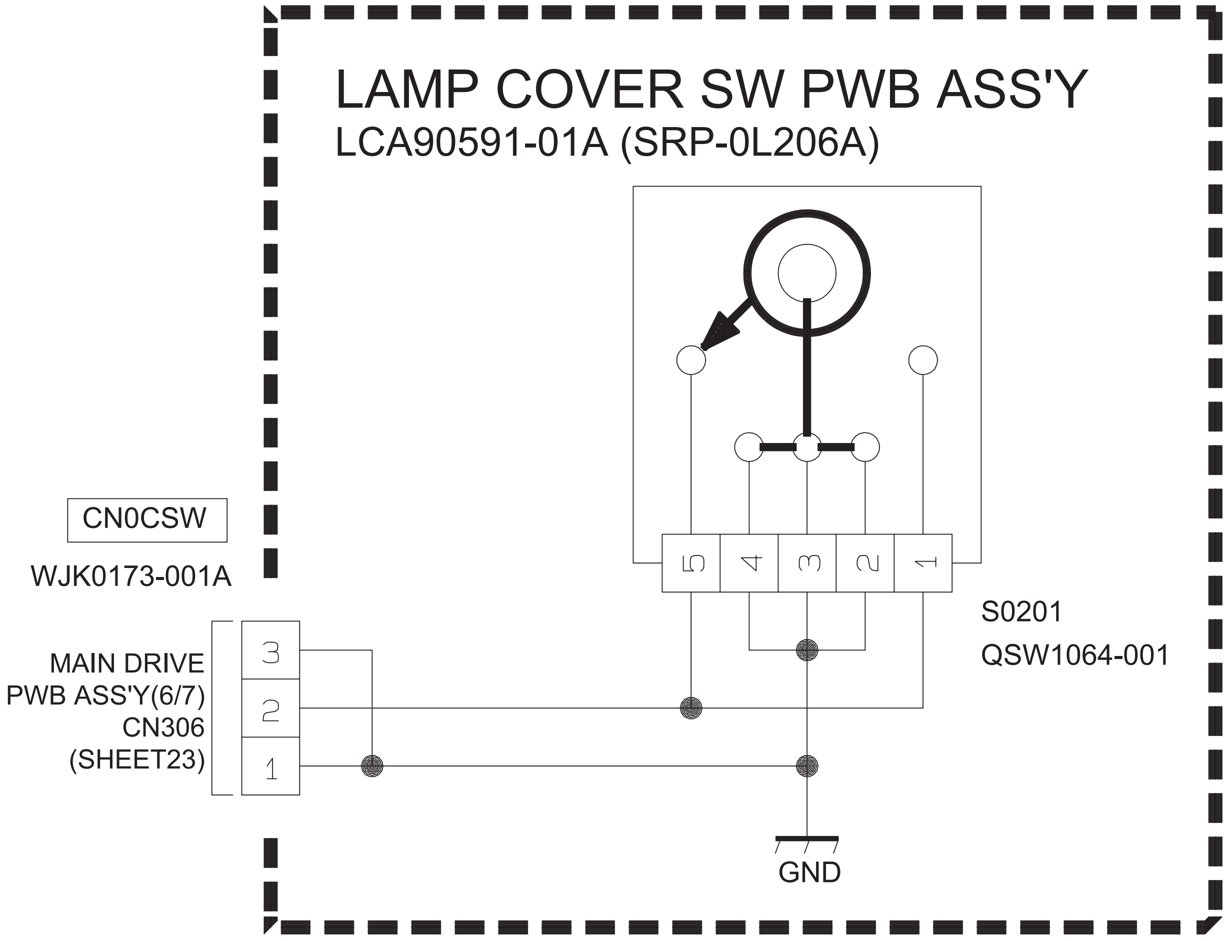
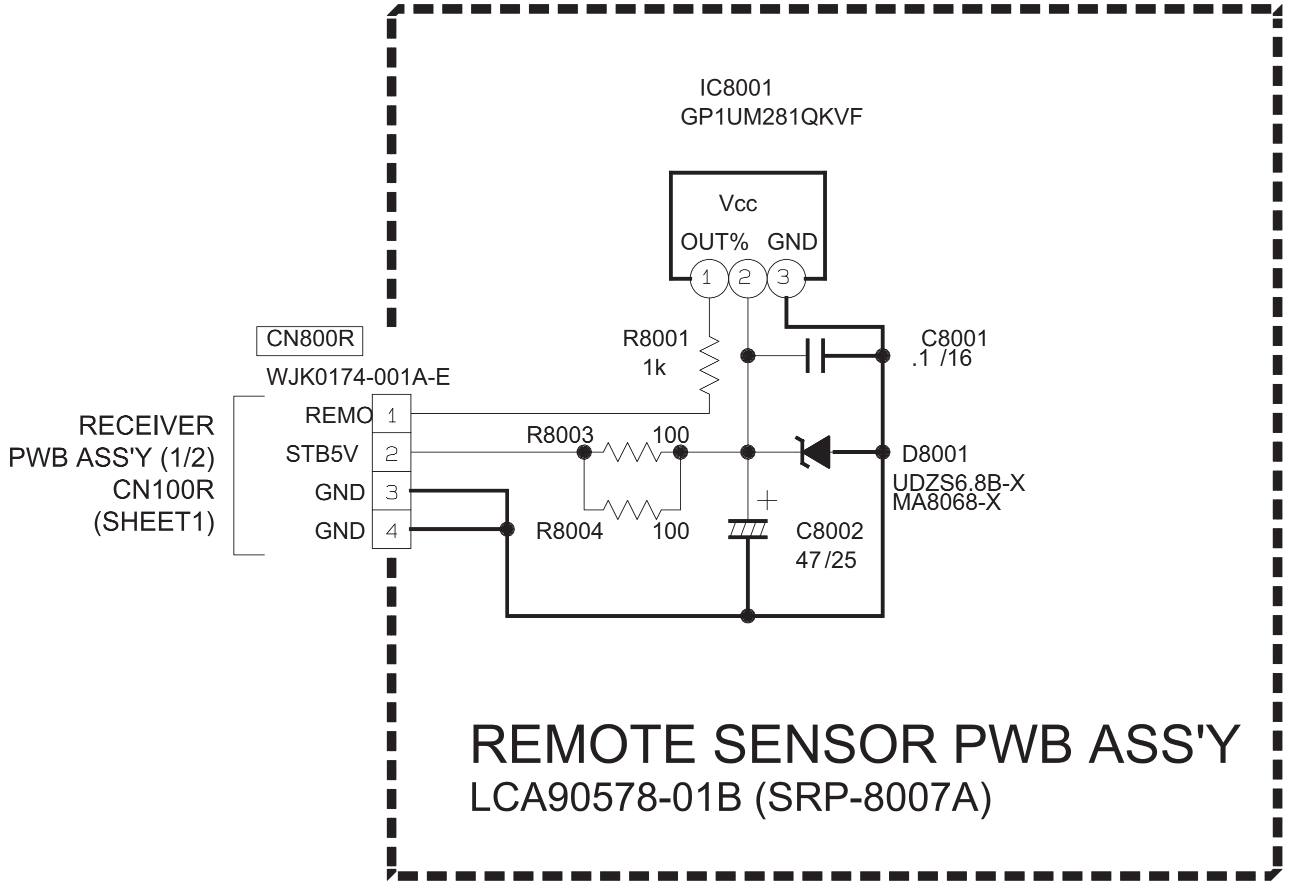
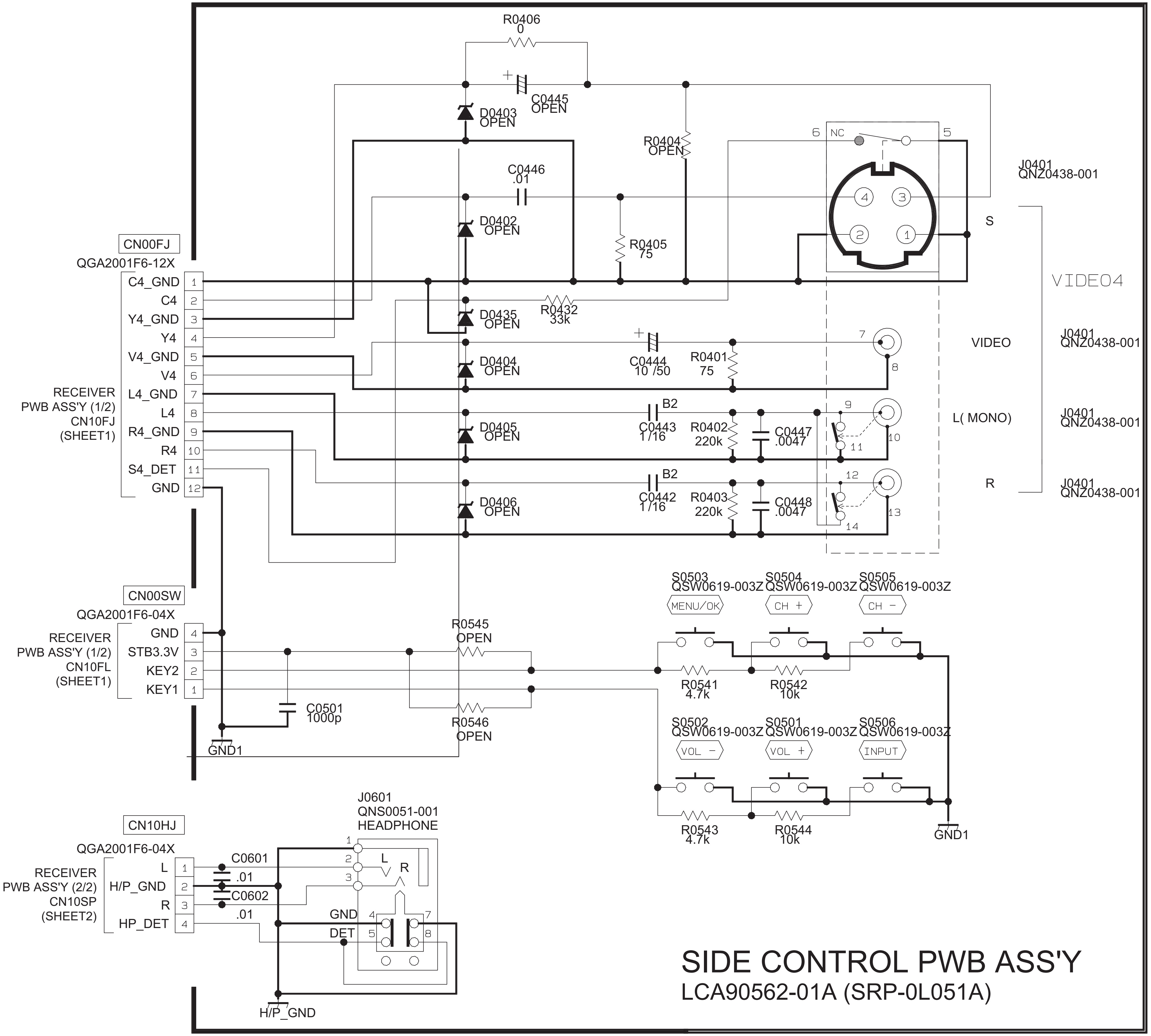
LAMP COVER SW PWB CIRCUIT DIAGRAM SHEET29


LAMP COVER SW PWB ASS'Y
LCA90591-01A (SRP-0L206A)
CN0CSW
WJK0173-001A
MAIN DRIVE
PWB ASS'Y(6/7)
CN306
(SHEET23)
3
2
1
5
4
3
2
1
S0201
QSW1064-001
GND

REMOTE SENSOR PWB CIRCUIT DIAGRAM SHEET 30


IC8001
GP1UM281QKVF
Vcc
OUT%
GND
1
2
3
CN800R
WJK0174-001A-E
R8001
1k
C8001
.1 /16
RECEIVER
PWB ASS'Y (1/2)
CN100R
(SHEET1)
REMO
STB5V
GND
GND
1
2
3
4
R8003
100
R8004
100
D8001
UDZS6.8B-X
MA8068-X
C8002
47 /25
REMOTE SENSOR PWB ASS'Y
LCA90578-01B (SRP-8007A)

SIDE CONTROL PWB CIRCUIT DIAGRAM SHEET 31



R0406
0
C0445
OPEN
D0403
OPEN
R0404
OPEN
6
NC
5
J0401
QNZ0438-001
C0446
.01
D0402
OPEN
R0405
75
4
3
2
1
S
VIDEO4
CN00FJ
QGA2001F6-12X
C4_GND 1
C4 2
Y4_GND 3
Y4 4
V4_GND 5
V4 6
L4_GND 7
L4 8
R4_GND 9
R4 10
S4_DET 11
GND 12
RECEIVER
PWB ASS'Y (1/2)
CN10FJ
(SHEET1)
D0435
OPEN
R0432
33k
C0444
10 /50
R0401
75
7
8
VIDEO
J0401
QNZ0438-001
D0404
OPEN
B2
C0443
1/16
R0402
220k
C0447
.0047
9
10
11
L(MONO)
J0401
QNZ0438-001
D0405
OPEN
B2
C0442
1/16
R0403
220k
C0448
.0047
12
13
14
R
J0401
QNZ0438-001
D0406
OPEN
CN00SW
QGA2001F6-04X
RECEIVER
PWB ASS'Y (1/2)
CN10FL
(SHEET1)
GND 4
STB3.3V 3
KEY2 2
KEY1 1
C0501
1000p
GND1
R0545
OPEN
R0546
OPEN
S0503
QSW0619-003Z
MENU/OK
S0504
QSW0619-003Z
CH +
S0505
QSW0619-003Z
CH -
R0541
4.7k
R0542
10k
S0502
QSW0619-003Z
VOL -
S0501
QSW0619-003Z
VOL +
S0506
QSW0619-003Z
INPUT
R0543
4.7k
R0544
10k
GND1
CN10HJ
QGA2001F6-04X
RECEIVER
PWB ASS'Y (2/2)
CN10SP
(SHEET2)
L 1
H/P_GND 2
R 3
HP_DET 4
C0601
.01
C0602
.01
J0601
QNS0051-001
HEADPHONE
1
2
3
L
R
GND
DET
4
5
7
8
H/P_GND
SIDE CONTROL PWB ASS'Y
LCA90562-01A (SRP-0L051A)

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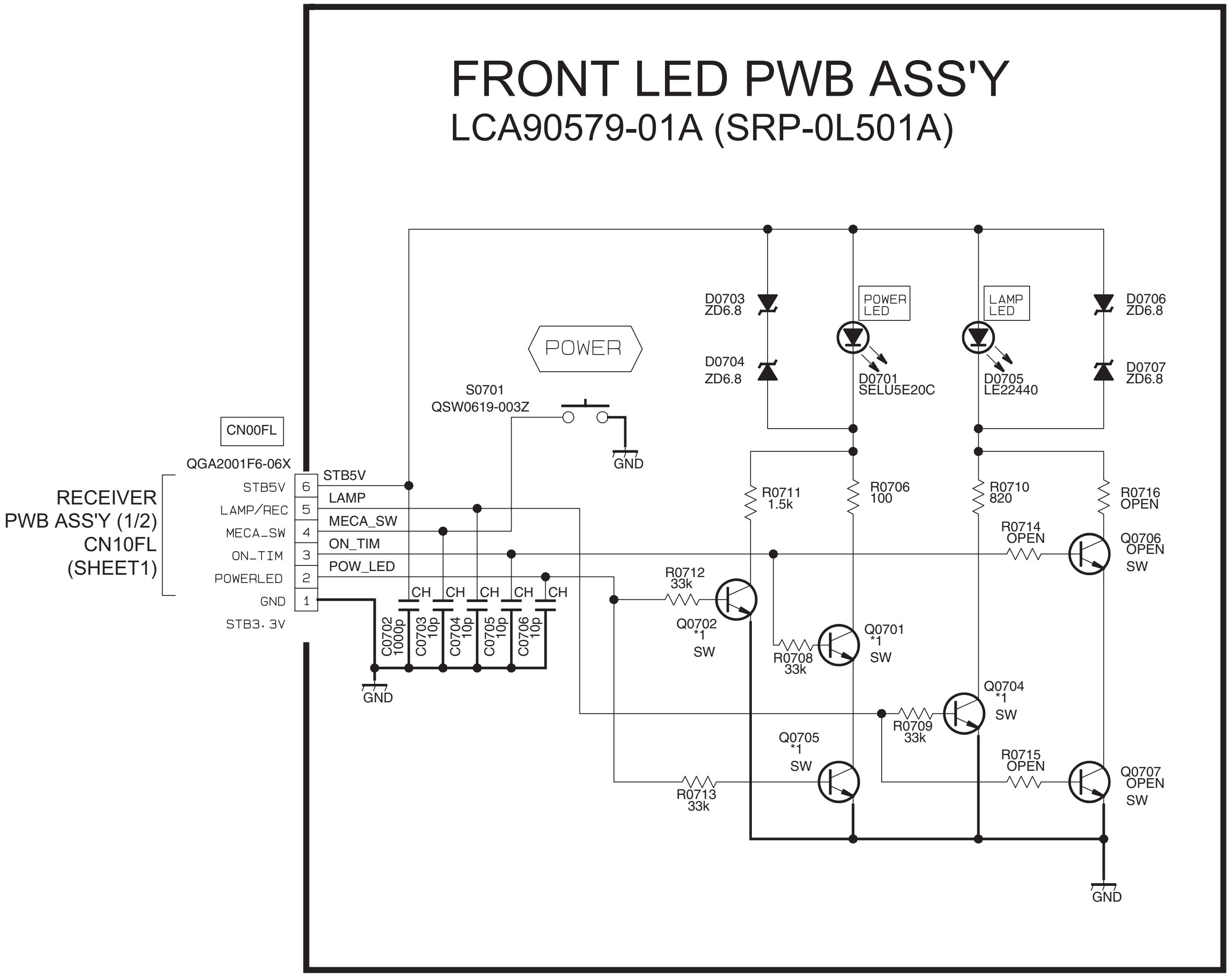
FRONT LED PWB CIRCUIT DIAGRAM SHEET 32

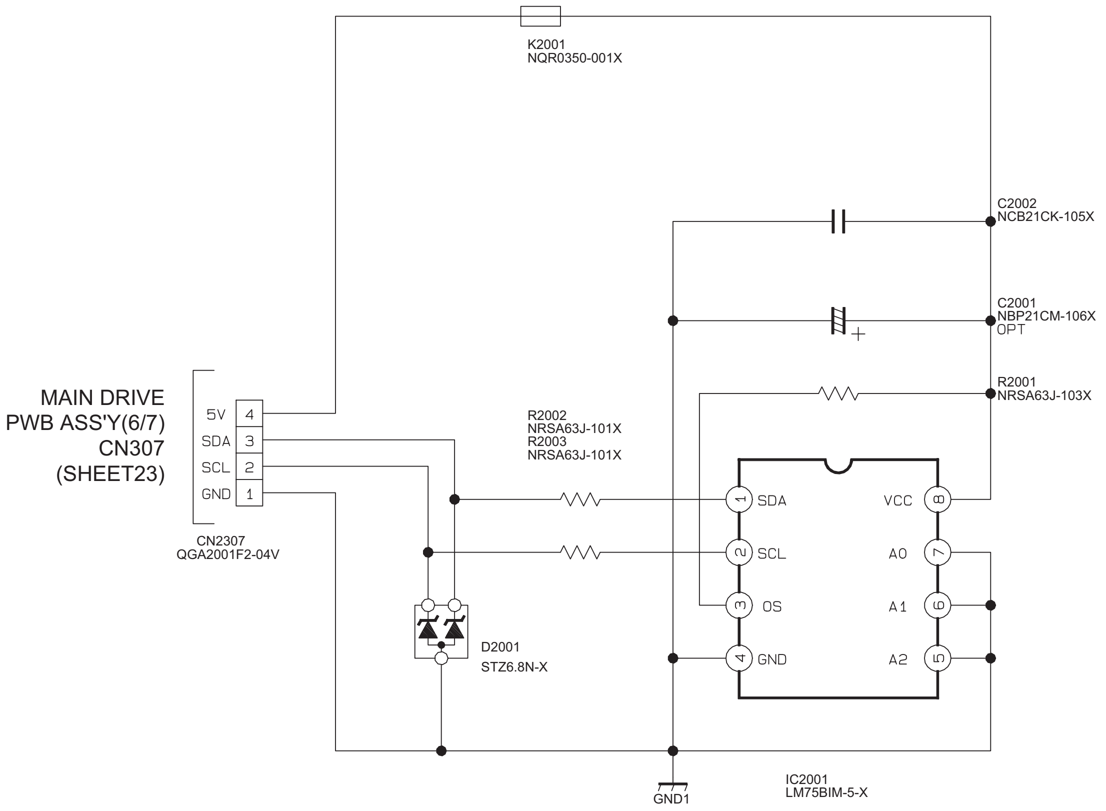
FRONT LED PWB ASS'Y

LCA90579-01A (SRP-0L501A)



RECEIVER
PWB ASS'Y (1/2)
CN10FL
(SHEET1)
CN00FL
QGA2001F6-06X
STB5V 6
LAMP/REC 5
MECA_SW 4
ON_TIM 3
POWERLED 2
GND 1
STB3.3V
STB5V
LAMP
MECA_SW
ON_TIM
POW_LED
CH
C0702 1000p
C0703 10p
C0704 10p
C0705 10p
C0706 10p
GND
POWER
S0701
QSW0619-003Z
GND
D0703 ZD6.8
D0704 ZD6.8
POWER LED
D0701 SELU5E20C
LAMP LED
D0705 LE22440
D0706 ZD6.8
D0707 ZD6.8
R0711 1.5k
R0706 100
R0710 820
R0716 OPEN
R0714 OPEN
Q0706 OPEN SW
R0712 33k
Q0702 *1 SW
Q0701 *1 SW
R0708 33k
Q0704 *1 SW
R0709 33k
Q0705 *1 SW
R0715 OPEN
Q0707 OPEN SW
R0713 33k
GND

TEMP SENSOR PWB CIRCUIT DIAGRAM SHEET 33



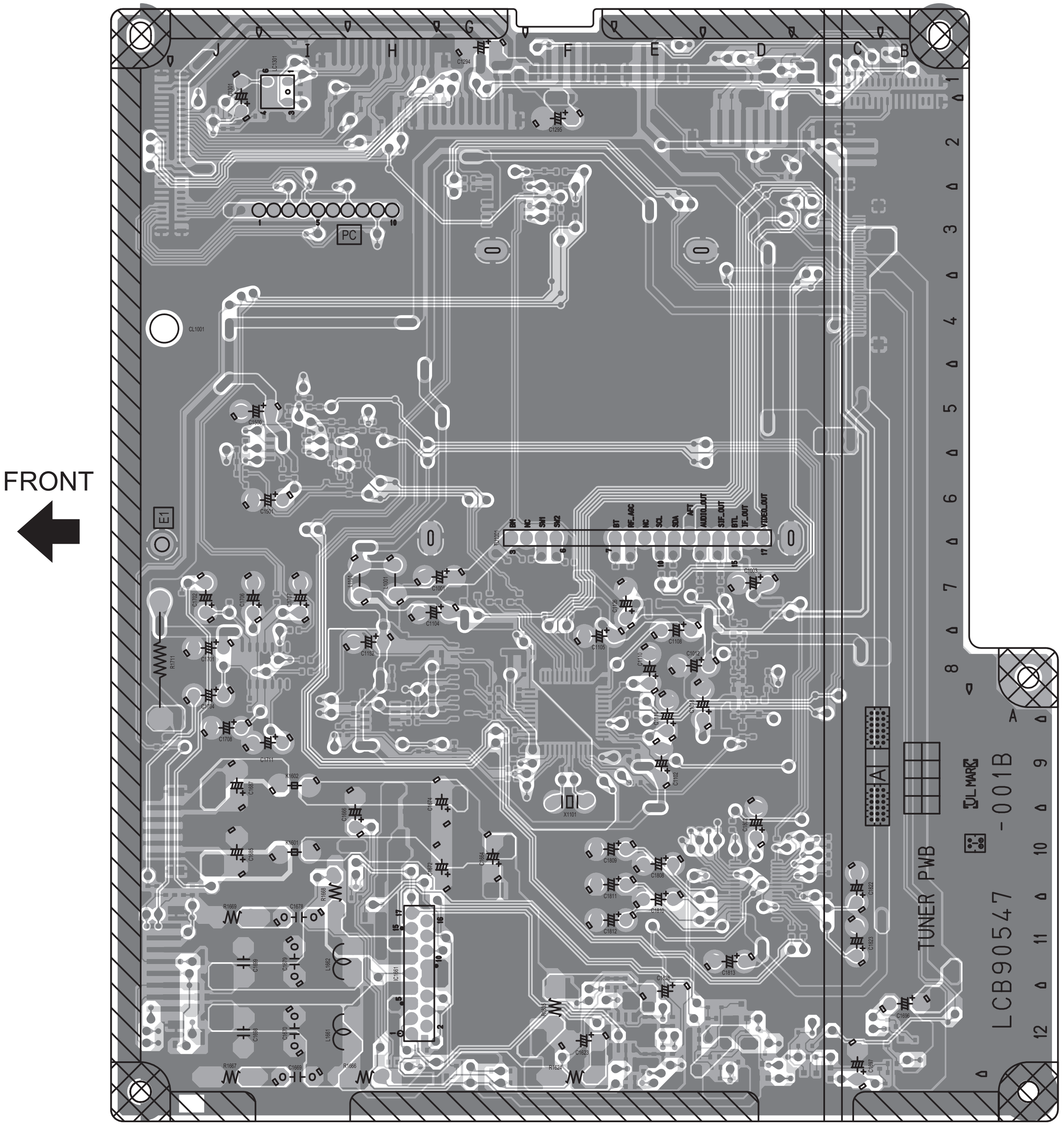
K2001
NQR0350-001X
C2002
NCB21CK-105X
C2001
NBP21CM-106X
OPT
R2001
NRSA63J-103X
MAIN DRIVE
PWB ASS'Y(6/7)
CN307
(SHEET23)
5V 4
SDA 3
SCL 2
GND 1
CN2307
QGA2001F2-04V
R2002
NRSA63J-101X
R2003
NRSA63J-101X
1 SDA
2 SCL
3 OS
4 GND
VCC 8
A0 7
A1 6
A2 5
D2001
STZ6.8N-X
GND1
IC2001
LM75BIM-5-X

TEMP SENSOR PWB ASS'Y

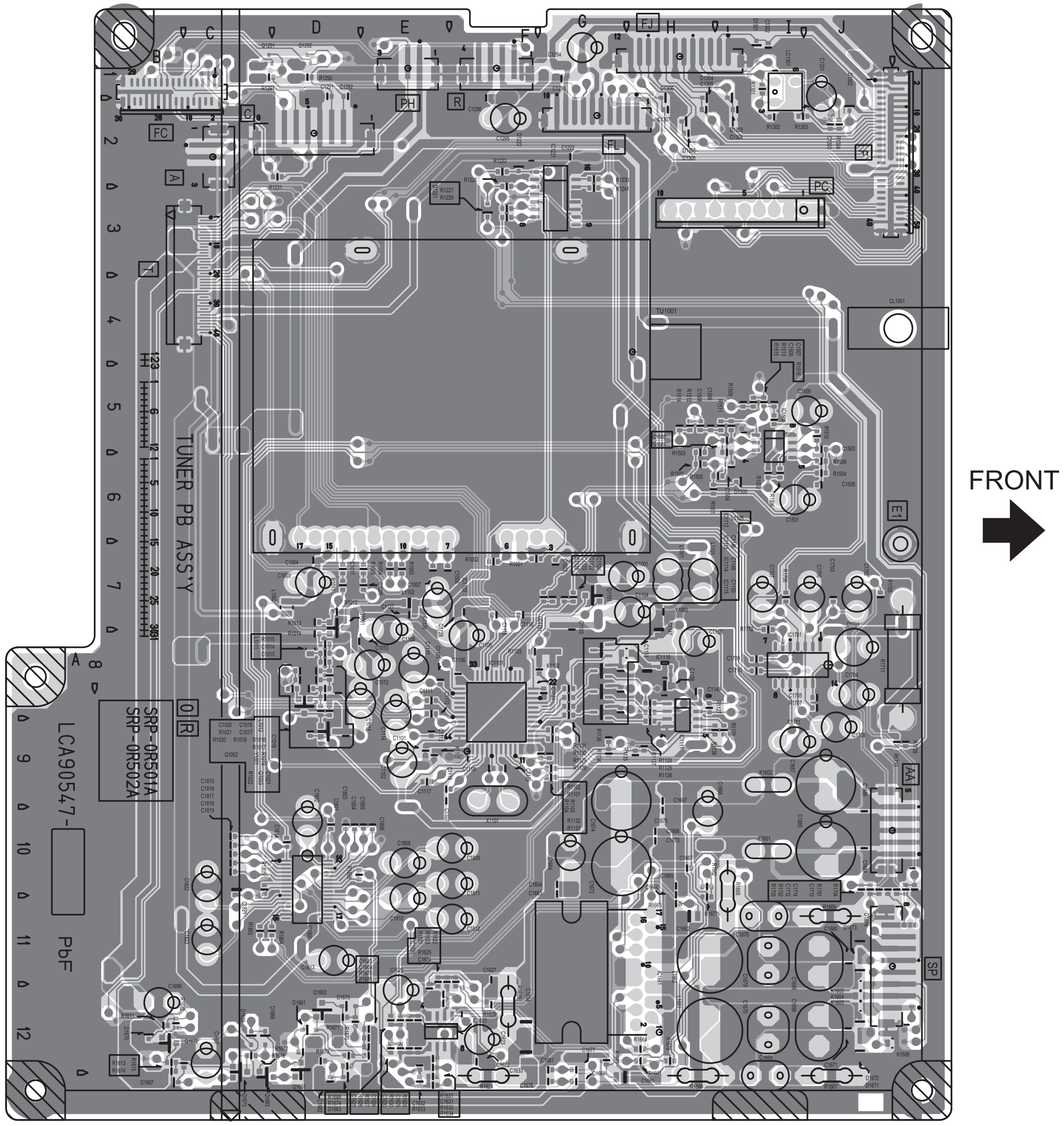
LCA90529-01B (SRP-8209A)

PATTERN DIAGRAMS

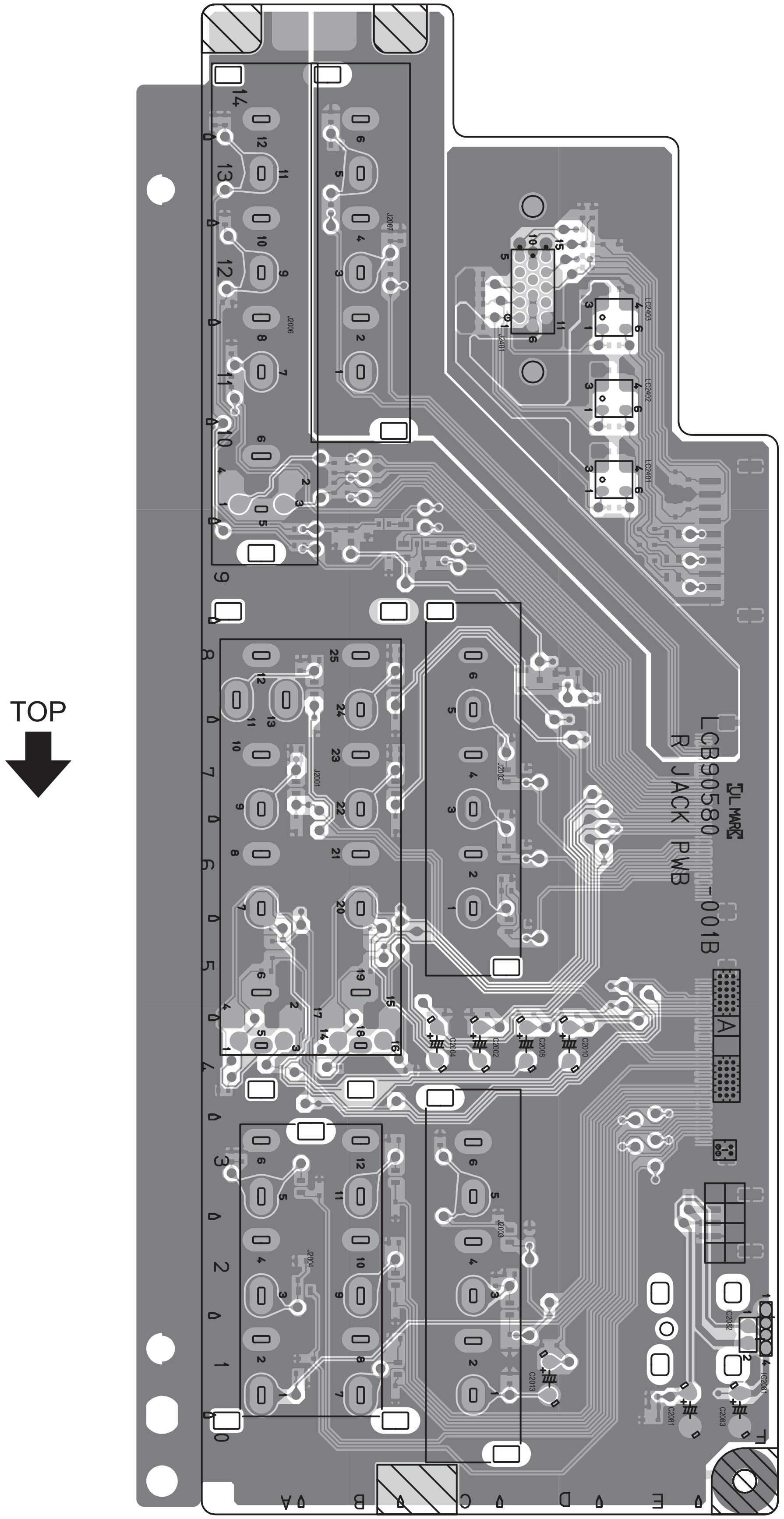
RECEIVER PWB PATTERN [SOLDER SIDE]


FRONT
PC
E1
A
TUNER PWB
LCB90547 -001B

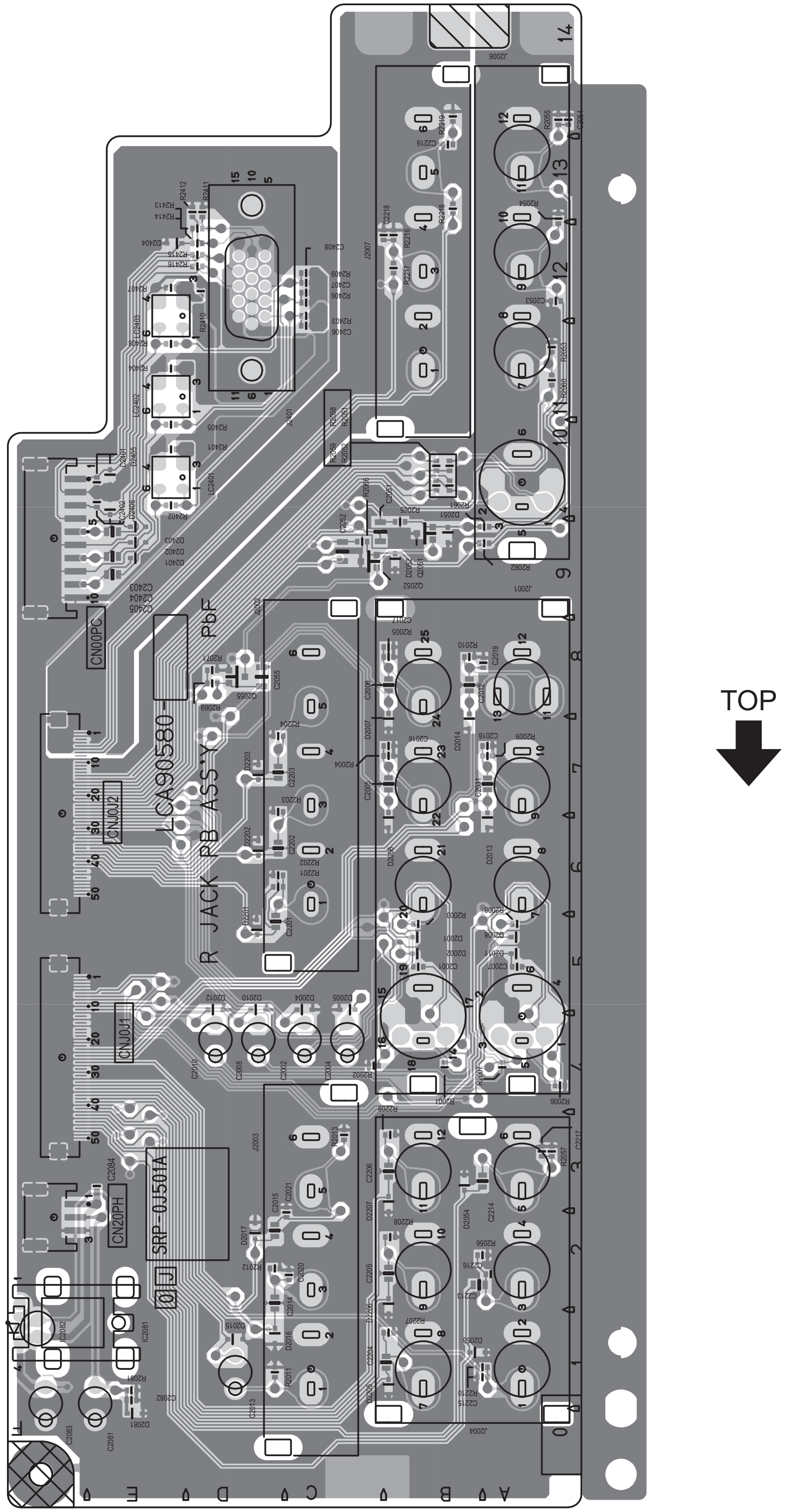
RECEIVER PWB PATTERN [PARTS SIDE]


FRONT
FC
PH
R
FL
FJ
PC
E1
AA
SP
TUNER PB ASS'Y
SRP-0R501A
SRP-0R502A
0R
LCA90547-
PbF

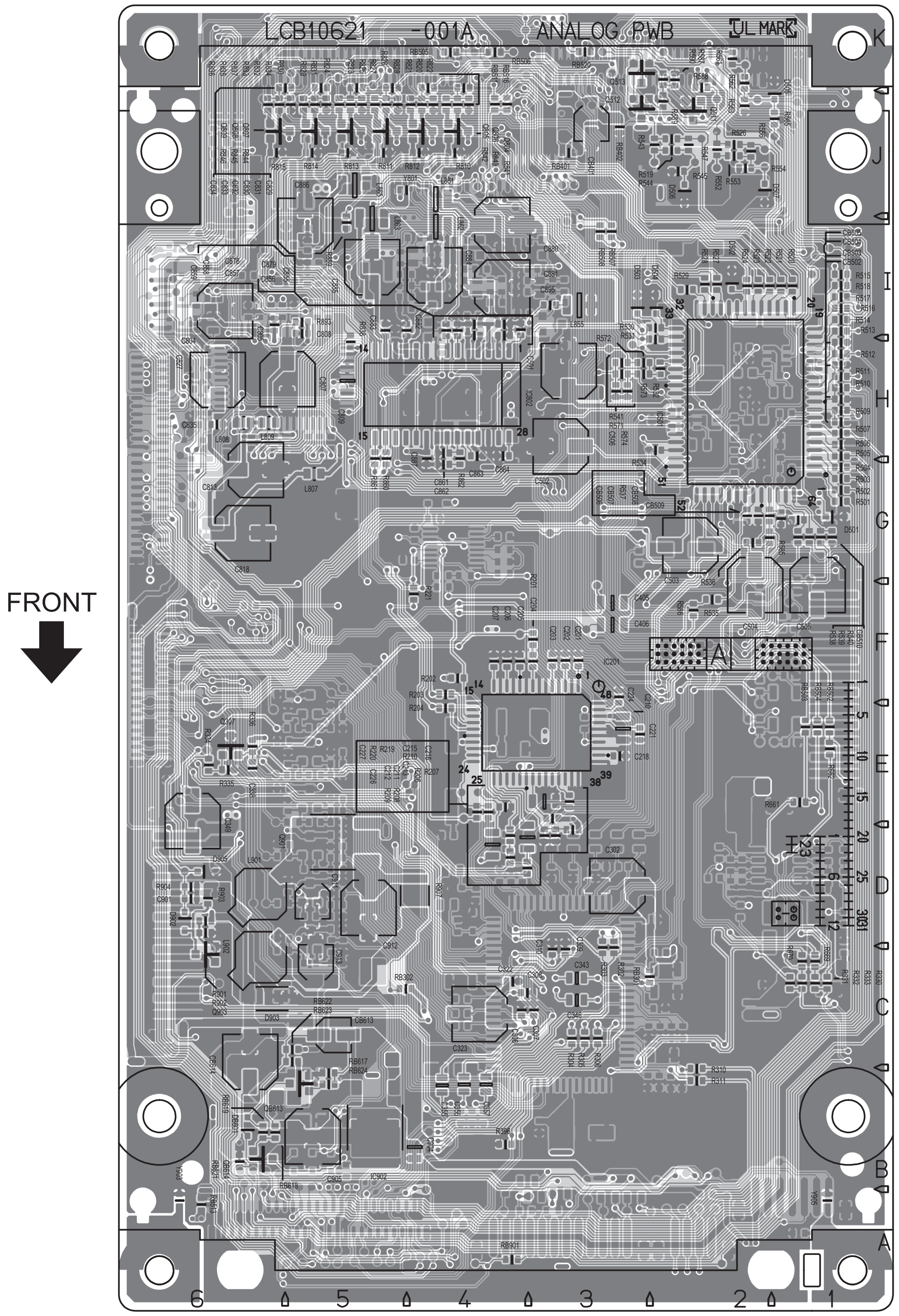
REAR JACK PWB PATTERN [SOLDER SIDE]


TOP
LCB90580
R JACK PWB
-001B
A
B
C
D
E

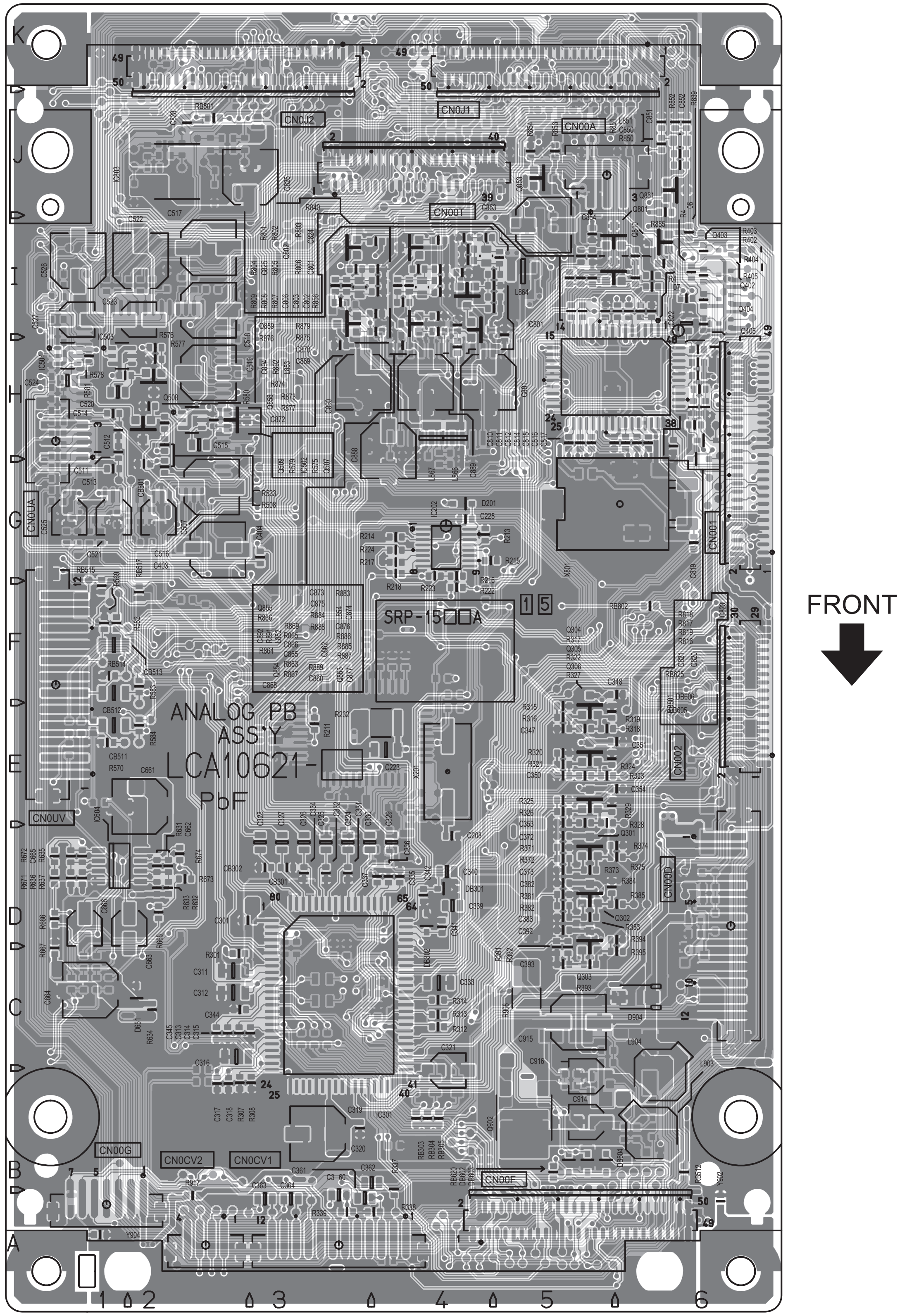
REAR JACK PWB PATTERN [PARTS SIDE]


TOP
LCA90580
R JACK PB ASS'Y
PbF
CN00PC
CNJ0J2
CNJ0J1
CN20PH
SRP-0J501A
A
B
C
D
E

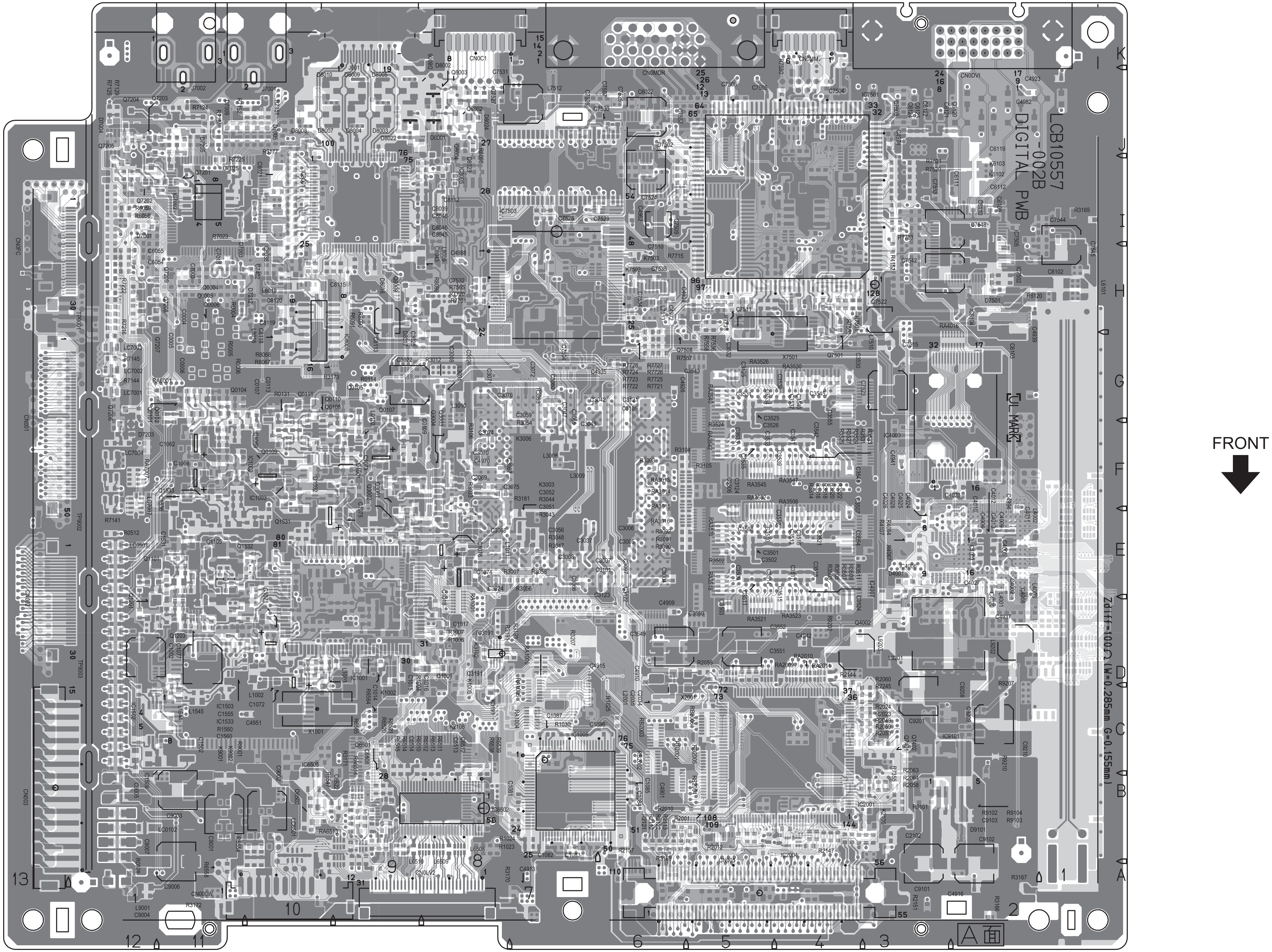
ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]


LCB10621 -001A ANALOG PWB
UL MARK
FRONT
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1

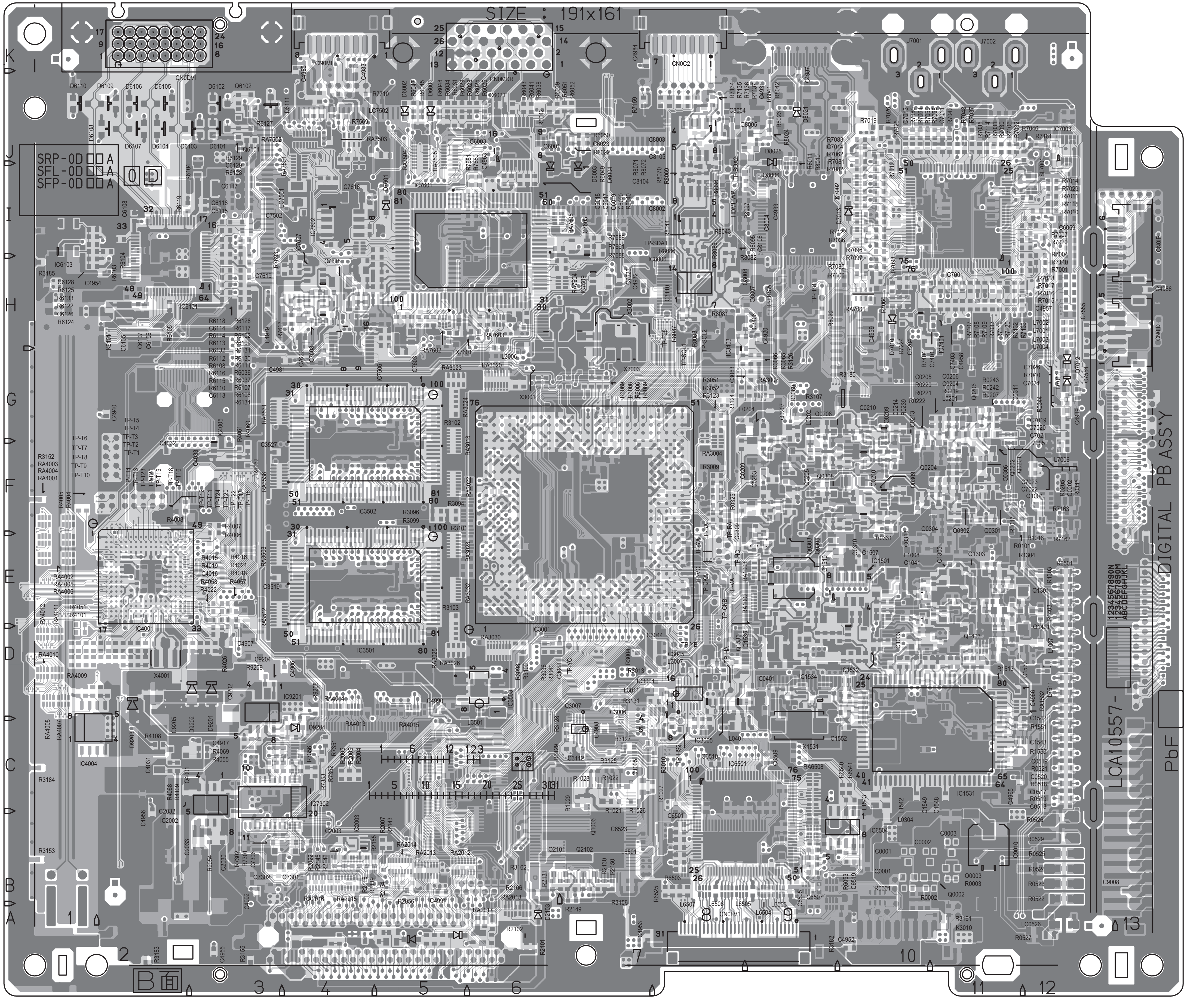
ANALOG SIGNAL PWB PATTERN [PARTS SIDE]


ANALOG PB
ASS'Y
LCA10621-
PbF
SRP-15□□A
FRONT
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]

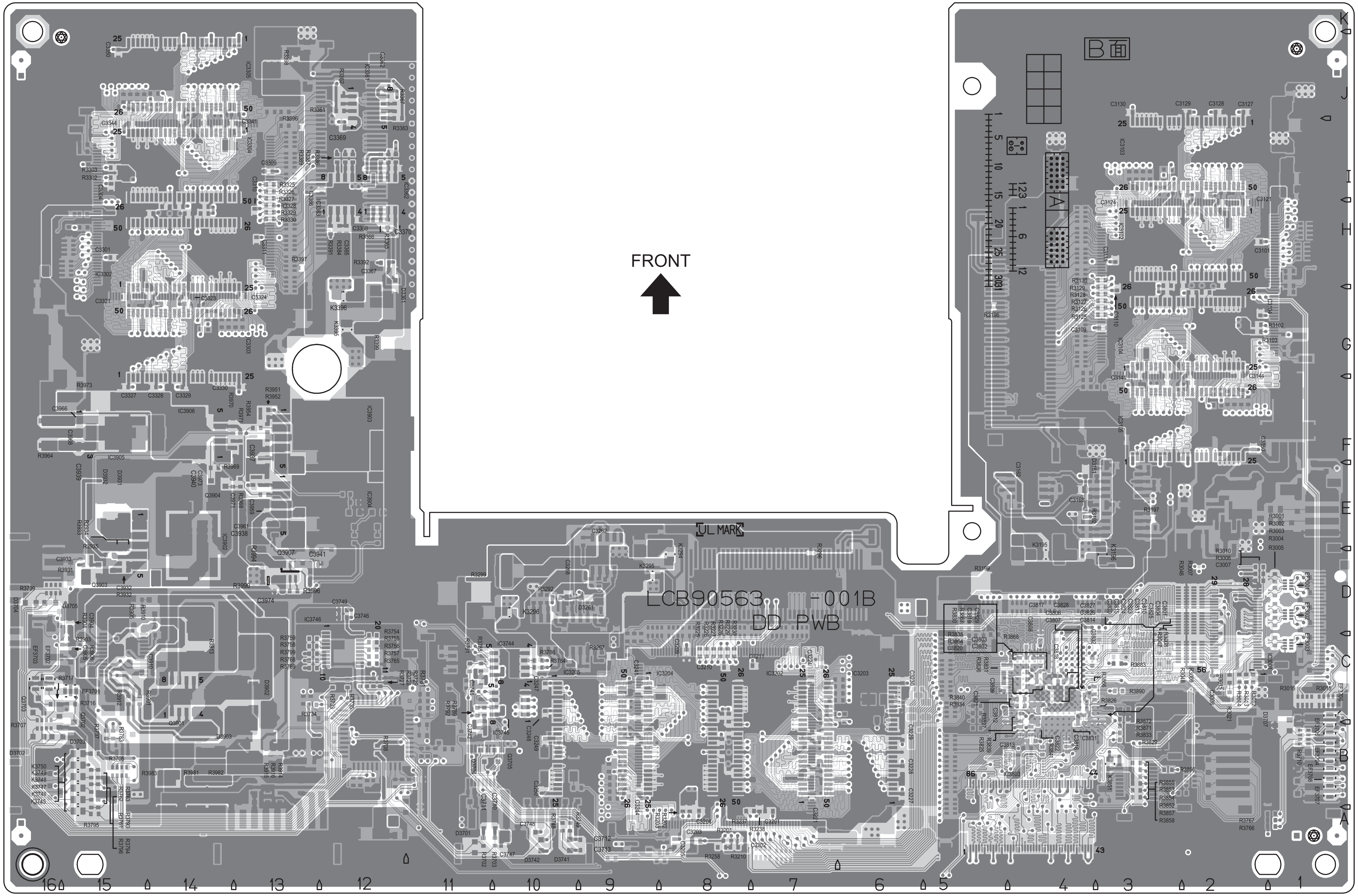

LCB10557
-002B
DIGITAL PWB
FRONT
UL MARK
Zdiff=100Ω (W=0.285mm G=0.155mm)
A面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13

DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]

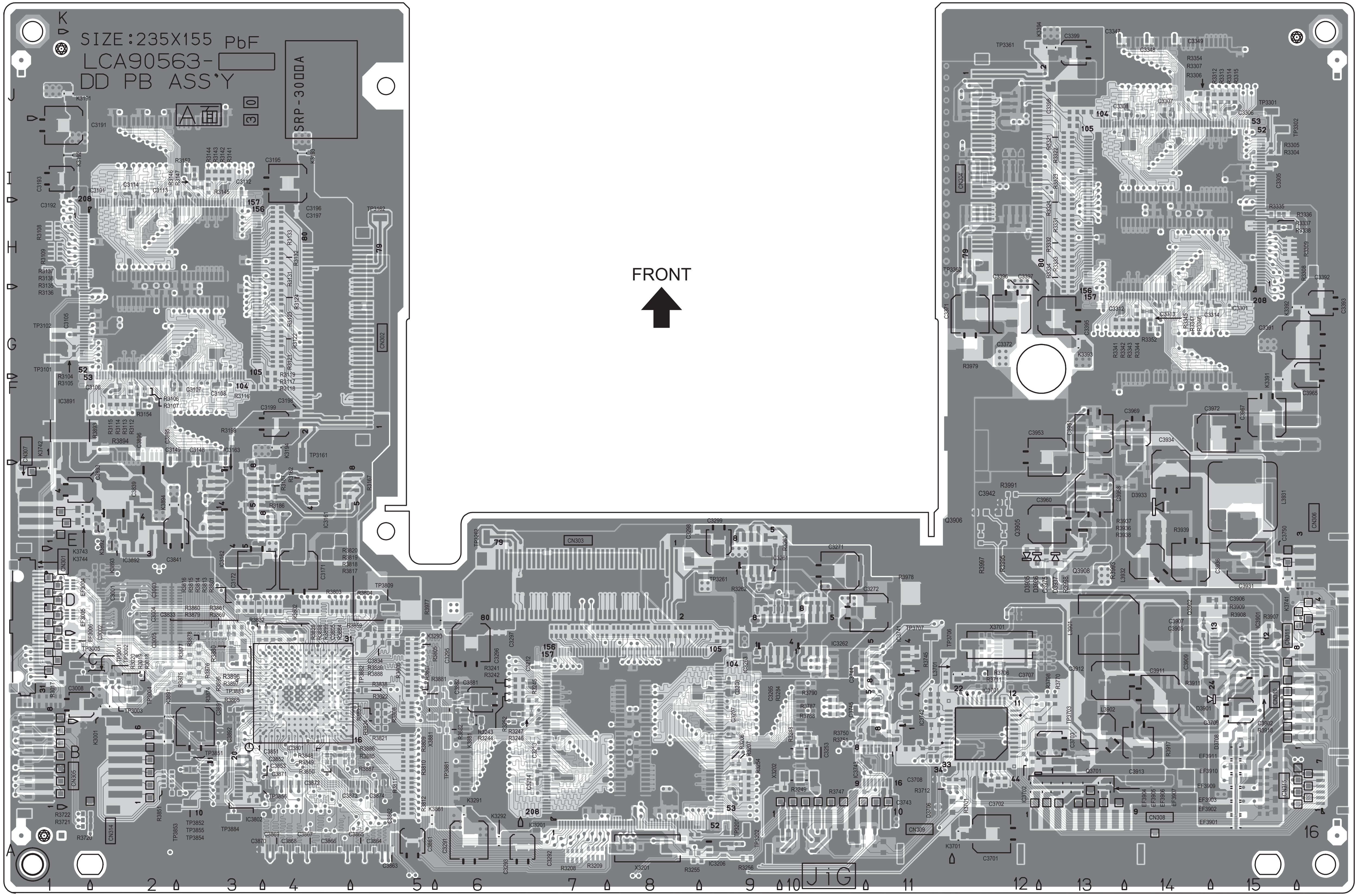

SIZE : 191x161
SRP-0D□□A
SFL-0D□□A
SFP-0D□□A
DIGITAL PB ASS'Y
LCA10557-
PbF
B面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13

FRONT

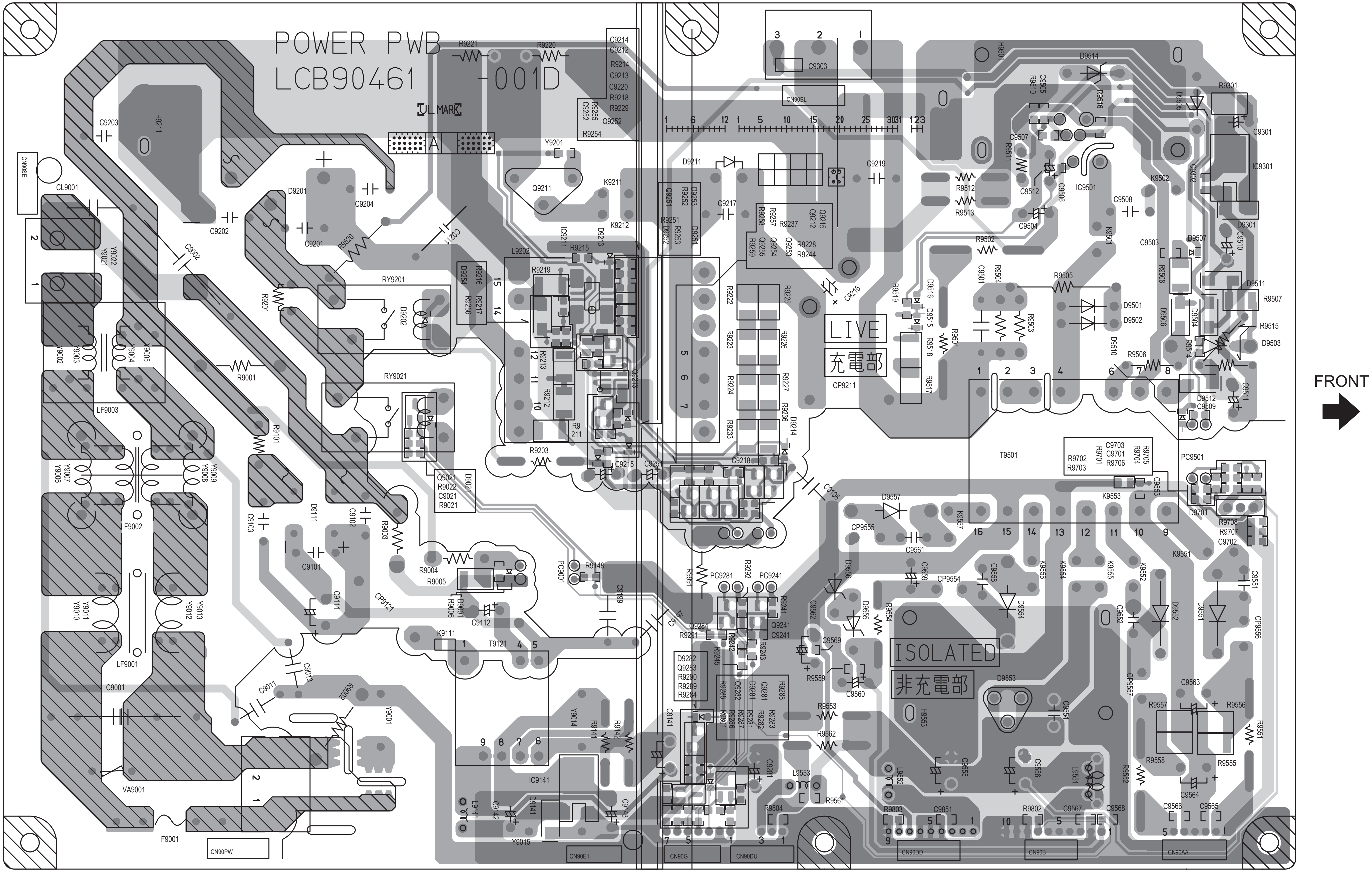
MAIN DRIVE PWB PATTERN [SOLDER SIDE]


FRONT
LCB90563 -001B
DD PWB
UL MARK
B面
K
J
I
H
G
F
E
D
C
B
A
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

MAIN DRIVE PWB PATTERN [PARTS SIDE]


SIZE:235X155 PbF
LCA90563-
DD PB ASS'Y
SRP-30□□A
FRONT
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

POWER PWB PATTERN [SOLDER SIDE]


POWER PWB
LCB90461 -001D
UL MARK
A
LIVE
充電部
ISOLATED
非充電部
FRONT
CN90SE
CN90PW
CN90E1
CN90G
CN90DU
CN90DD
CN90B
CN90AA
CN90BL
CL9001
LF9001
LF9002
LF9003
F9001
VA9001
C9001
C9002
C9011
C9013
C9101
C9102
C9103
C9111
C9112
C9141
C9142
C9143
C9201
C9202
C9203
C9204
C9211
C9215
C9216
C9217
C9218
C9219
C9303
C9301
C9302
D9201
D9202
D9211
D9213
D9214
D9251
D9252
D9253
D9254
D9301
D9501
D9502
D9503
D9504
D9505
D9506
D9507
D9510
D9511
D9512
D9514
D9515
D9516
D9551
D9552
D9553
D9554
D9555
D9556
D9557
D9701
D9021
D9111
D9141
D9001
H9211
H9501
H9553
IC9141
IC9211
IC9301
IC9501
K9111
K9211
K9212
K9501
K9502
K9551
K9552
K9553
K9554
K9555
K9556
K9557
L9202
L9141
L9551
L9552
L9553
PC9001
PC9241
PC9281
PC9501
Q9021
Q9211
Q9212
Q9213
Q9215
Q9241
Q9251
Q9252
Q9253
Q9254
Q9255
Q9281
Q9282
Q9283
R9001
R9002
R9003
R9004
R9005
R9006
R9101
R9141
R9142
R9148
R9201
R9203
R9211
R9212
R9213
R9215
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R9223
R9224
R9225
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R9244
R9245
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R9252
R9253
R9254
R9255
R9256
R9257
R9258
R9259
R9301
R9501
R9502
R9503
R9504
R9505
R9506
R9507
R9508
R9510
R9511
R9512
R9513
R9514
R9515
R9516
R9517
R9518
R9519
R9520
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R9554
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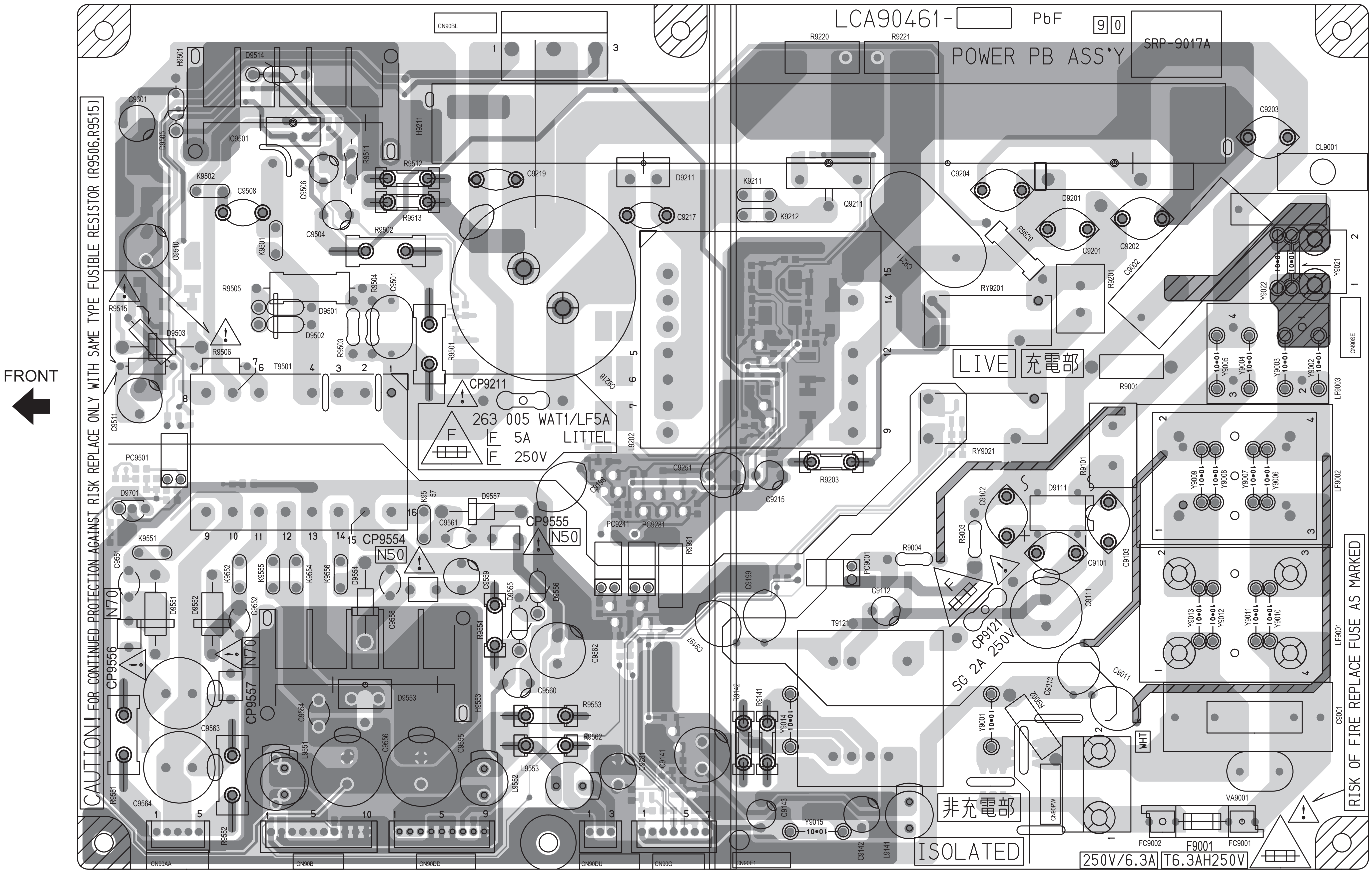
R9556
R9557
R9558
R9559
R9561
R9562
R9702
R9703
R9704
R9705
R9706
R9707
R9708
R9802
R9803
R9804
RY9021
RY9201
T9121
T9501
CP9121
CP9211
CP9554
CP9555
CP9556
CP9557
C9501
C9503
C9504
C9505
C9506
C9507
C9508
C9509
C9510
C9511
C9512
C9551
C9552
C9553
C9554
C9555
C9556
C9558
C9559
C9560
C9561
C9562
C9563
C9564
C9565
C9566
C9567
C9568
C9569
C9701
C9702
C9703
C9851
Y9001
Y9002
Y9003
Y9004
Y9005
Y9006
Y9007
Y9008
Y9009
Y9010
Y9011
Y9012
Y9013
Y9014
Y9015
Y9021
Y9022
Y9201


FRONT
LCA90461-
PbF
9 0
POWER PB ASS'Y
SRP-9017A
CAUTION! FOR CONTINUED PROTECTION AGAINST RISK REPLACE ONLY WITH SAME TYPE FUSIBLE RESISTOR (R9506,R9515)
RISK OF FIRE REPLACE FUSE AS MARKED
LIVE
充電部
非充電部
ISOLATED
CP9211
263 005 WAT1/LF5A
F 5A LITTEL
F 250V
CP9121 SG 2A 250V
CP9554
CP9555
CP9556
CP9557
N50
N70
F9001
250V/6.3A
T6.3AH250V
WHT
CN90BL
CN90AA
CN90B
CN90DD
CN90DU
CN90G
CN90E1
CN90SE
CN90PW
H9501
D9514
C9301
D9505
IC9501
R9511
R9512
R9513
H9211
C9219
D9211
C9217
K9211
K9212
Q9211
R9220
R9221
C9203
CL9001
C9204
D9201
C9201
C9202
R9520
C9211
RY9201
R9201
C9002
Y9021
Y9022
Y9002
Y9003
Y9004
Y9005
LF9003
R9001
RY9021
R9203
C9215
K9502
C9508
C9506
C9504
R9502
K9501
C9510
R9505
R9504
C9501
D9501
D9502
R9503
R9501
R9515
D9503
R9506
T9501
C9511
PC9501
D9701
K9551
C9551
D9551
K9552
D9552
C9552
K9555
K9554
K9556
D9554
C9559
D9555
D9556
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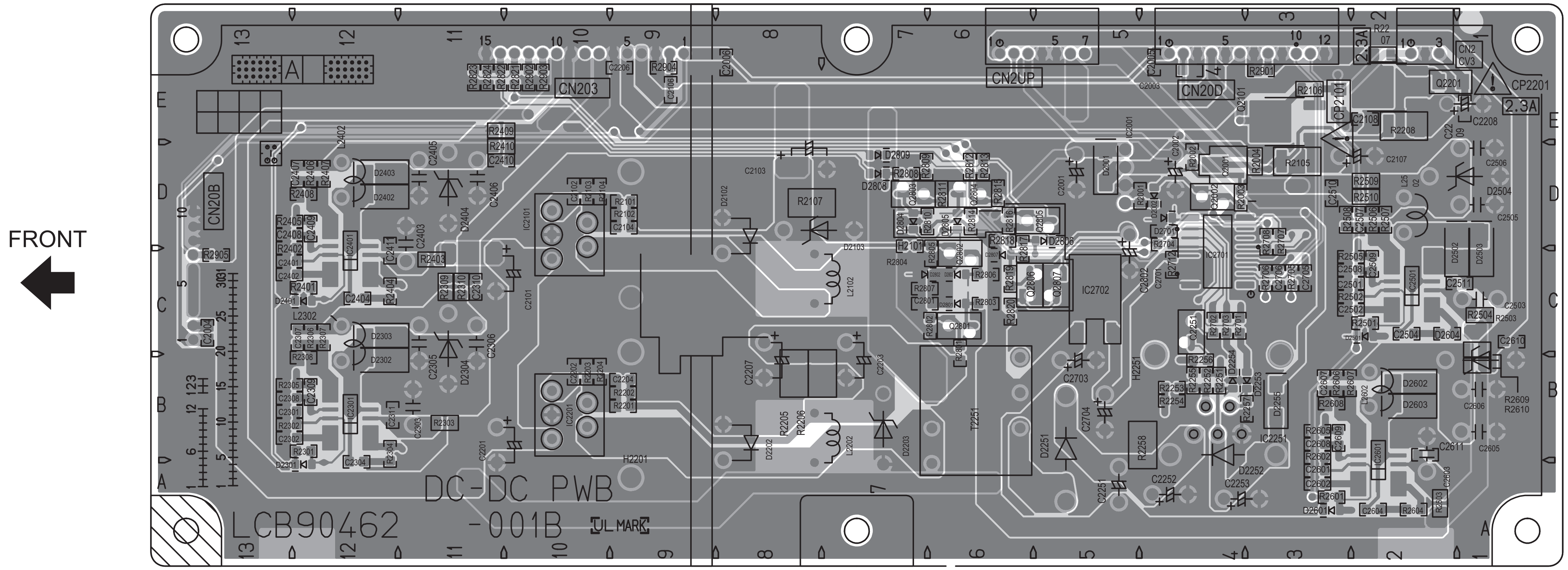
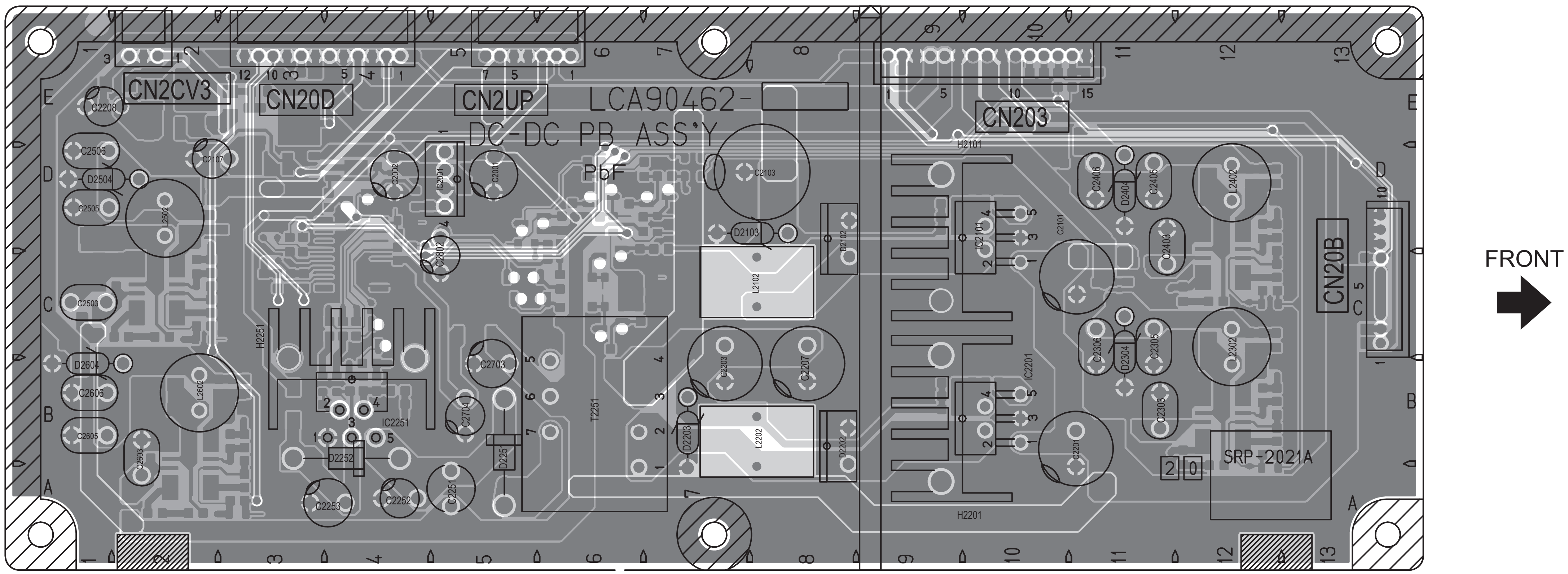
D9557
C9561
C9558
R9554
C9562
C9560
R9553
R9562
L9553
L9552
D9553
H9553
C9554
L9551
C9556
C9555
C9563
C9564
R9551
R9552
C9198
C9216
L9202
C9251
PC9241
PC9281
R9991
C9199
C9197
C9281
C9141
R9142
R9141
Y9014
C9143
Y9015
C9142
L9141
T9121
C9112
PC9001
R9004
R9003
C9102
D9111
R9101
C9101
C9103
C9111
C9011
C9013
R9002
Y9001
Y9006
Y9007
Y9008
Y9009
Y9010
Y9011
Y9012
Y9013
LF9002
LF9001
C9001
VA9001
FC9002
FC9001

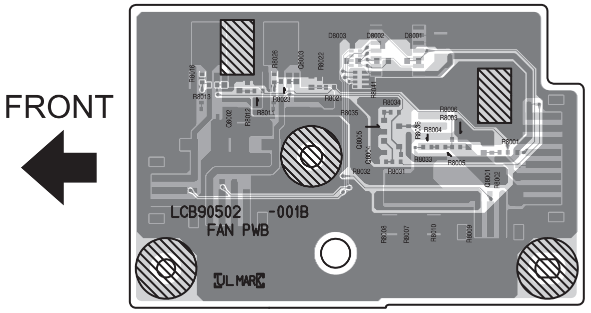
REGULATOR PWB PATTERN [SOLDER SIDE]


FRONT
DC-DC PWB
LCB90462 -001B
UL MARK
CN203
CN2UP
CN20D
CN20B
CP2201
2.3A
IC2101
IC2201
IC2251
IC2701
IC2702
T2251
H2201
H2251

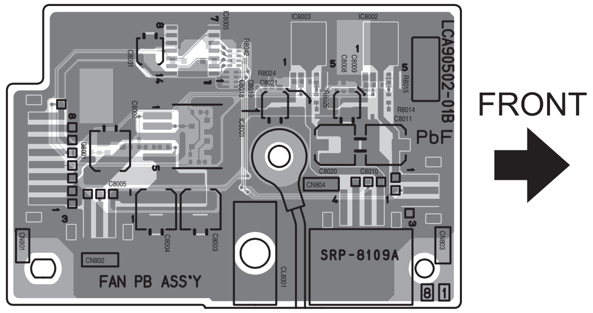
REGULATOR PWB PATTERN [PARTS SIDE]


FRONT
CN2CV3
CN20D
CN2UP
LCA90462-
DC-DC PB ASS'Y
PbF
CN203
CN20B
H2101
H2201
H2251
IC2101
IC2201
IC2251
T2251
SRP-2021A

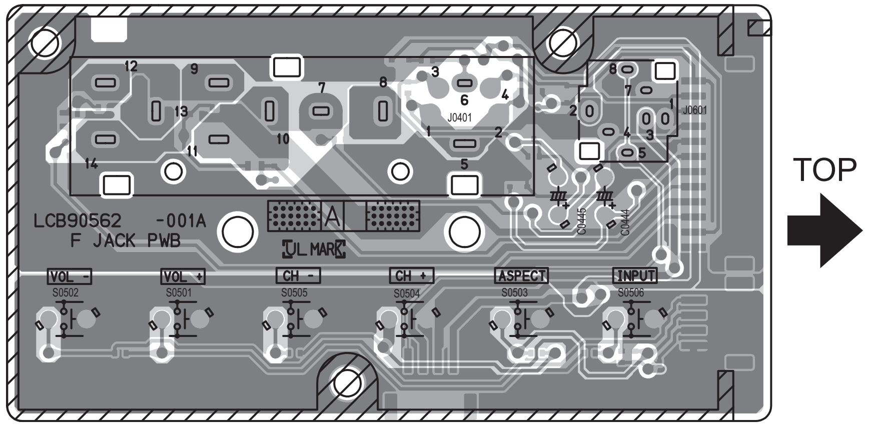
FAN CONTROL PWB PATTERN [SOLDER SIDE]


FRONT
LCB90502 -001B
FAN PWB

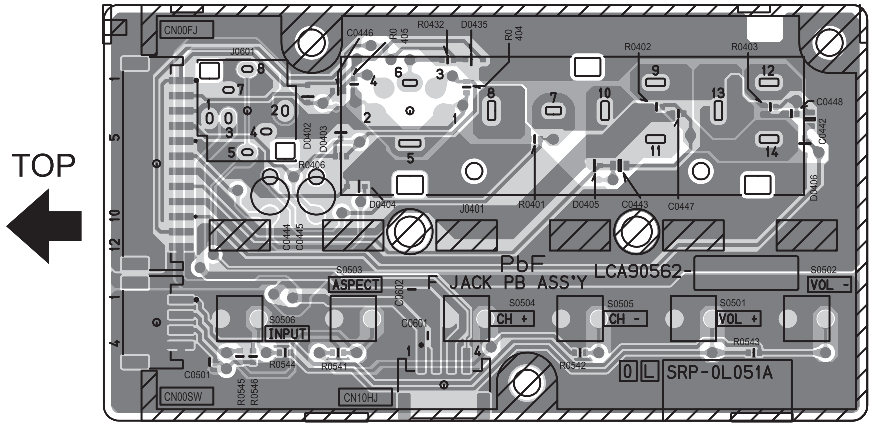
FAN CONTROL PWB PATTERN [PARTS SIDE]


FRONT
LCA90502-01B
PbF
FAN PB ASS'Y
SRP-8109A
8 1

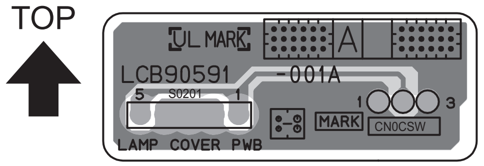
SIDE CONTROL PWB PATTERN [SOLDER SIDE]


TOP
LCB90562 -001A
F JACK PWB
J0401
J0601
VOL -
VOL +
CH -
CH +
ASPECT
INPUT
S0502
S0501
S0505
S0504
S0503
S0506

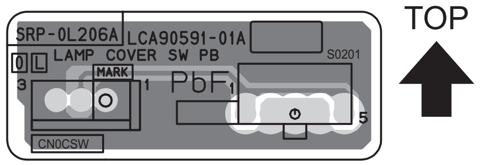
SIDE CONTROL PWB PATTERN [PARTS SIDE]


TOP
CN00FJ
CN00SW
CN10HJ
J0601
J0401
LCA90562
PbF
F JACK PB ASS'Y
ASPECT
INPUT
CH +
CH -
VOL +
VOL -
0 L SRP-0L051A

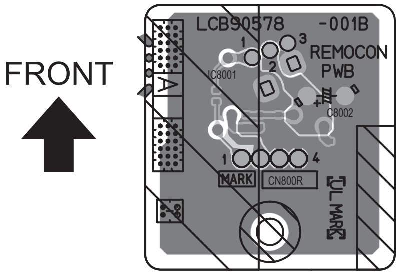
LAMP COVER SW PWB PATTERN
[SOLDER SIDE]


TOP
LCB90591 -001A
S0201
LAMP COVER PWB
MARK
CN0CSW

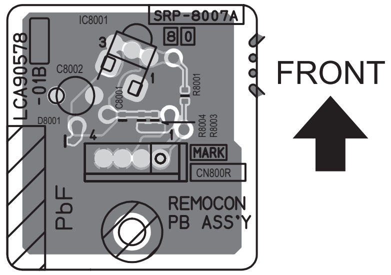
LAMP COVER SW PWB PATTERN
[PARTS SIDE]


TOP
SRP-0L206A
LCA90591-01A
0 L
LAMP COVER SW PB
MARK
PbF
S0201
CN0CSW

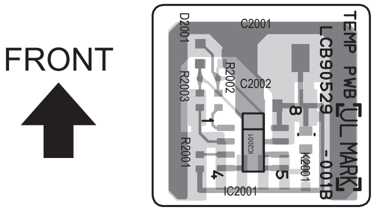
REMOTE SENSOR PWB PATTERN
[SOLDER SIDE]


FRONT
LCB90578 -001B
REMOCON
PWB
IC8001
C8002
MARK
CN800R

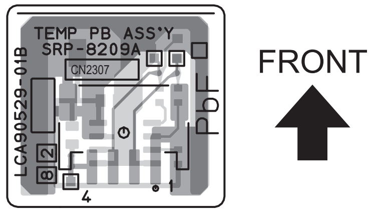
REMOTE SENSOR PWB PATTERN
[PARTS SIDE]


FRONT
SRP-8007A
8 0
LCA90578 -01B
IC8001
C8002
MARK
CN800R
PbF
REMOCON
PB ASS'Y

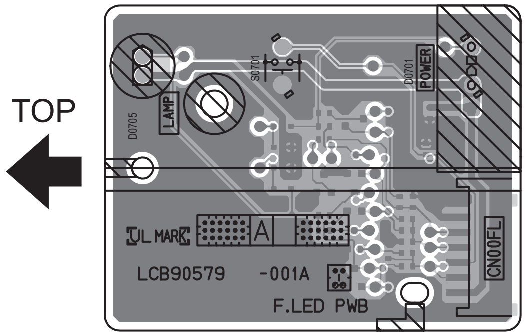
TEMP SENSOR PWB PATTERN
[SOLDER SIDE]


FRONT
TEMP PWB
LCB90529 -001B
C2001
C2002
D2001
R2003
IC2001

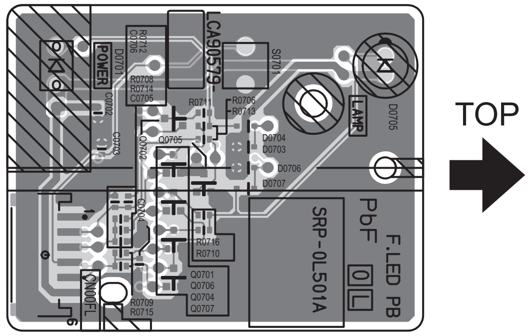
TEMP SENSOR PWB PATTERN
[PARTS SIDE]


FRONT
TEMP PB ASS'Y
SRP-8209A
CN2307
LCA90529-01B
8 2
PbF

FRONT LED PWB PATTERN [SOLDER SIDE]


TOP
LAMP
POWER
LCB90579 -001A
F.LED PWB
CN00FL

FRONT LED PWB PATTERN [PARTS SIDE]


TOP
POWER
LAMP
LCA90579
PbF
F.LED PB
SRP-0L501A
0 L
CN00FL

VOLTAGE CHARTS

<RECEIVER PWB>

[P.2-9 - P.2-10]

MODE PIN NO.	DC (V)
IC1101	
1	4.9
2	1.5
3	1.5
4	0
5	2.3
6	2.3
7	0.3
8	0
9	0
10	2.4
11	0
12	4.5
13	4.5
14	0.4
15	0.3
16	0.4
17	0.3
18	0.3
19	4.8
20	0
21	0.3
22	4.8
23	NC
24	NC
25	0
26	2
27	2
28	0
29	0
30	3.7
31	3.7
32	0
33	8
34	6.3
35	0
36	3.7
37	3.7
38	3.7
39	0
40	3.7
41	3.7
42	2.6
43	3.7
44	0
IC1102	
1	9.1
2	0
3	8
IC1221	
1	4.5
2	2.4
3	0
4	0.4
5	0.4
6	0.4
7	0
8	0
9	2.4
10	2.4
11	4.9
12	4.9
13	0
14	4.6
15	4.6
16	4.9
IC1500	
1	4.6
2	4.6
3	4.6
4	0
5	4.6
6	4.6
7	4.6
8	9
Q1001	
E	2.2
C	9
B	2.8
Q1003	
E	0
C	9
B	0
Q1101	
E	0
C	4.8
B	0
Q1291	
S	4.9
G	3.2
D	4.8
Q1292	
S	4.9
G	3.2
D	4.8
TU1101	
1	NC
2	NC
3	4.7
4	NC
5	0.4
6	0.4
7	8.7
8	3.9
9	NC
10	4.9
11	4.9
12	4.2
13	0
14	0
15	30.8
16	0
17	2
18	0
19	0
20	0
21	0

[P.2-11 - P.2-12]

MODE PIN NO.	DC (V)
IC1621	
1	-13.5
2	0
3	0
4	-13.7
5	0
6	0
7	-13.7
8	12.9
IC1661	
1	-13.5
2	-0.1
3	-13.7
4	-13.7
5	13.6
6	8.9
7	1.7
8	-13.7
9	-0.6
10	-13.7
11	1.7
12	8.9
13	13.6
14	-13.7
15	-3.1
16	-0.1
17	-13.5
IC1701	
1	8.8
2	0
3	0.3
4	0.5
5	4
6	4.2
7	NC
8	NC
9	4
10	4
11	0.5
12	0.3
13	0
14	0
IC1801	
1	4.5
2	4.5
3	4.5
4	4.5
5	4.5
6	4.5
7	4.5
8	0
9	4.5
10	0.6
11	1.5
12	1.5
13	4.6
14	0
15	0
16	0
17	0
18	9.1
19	4.5
20	3.3
21	3.6
22	3.9
23	5.7
24	4.6
25	4.6
26	4.6
27	4.6
28	4.6
29	4.6
30	4.6
31	0.6
32	4.6
Q1661	
E	13.6
C	13.5
B	0
Q1662	
E	-13.7
C	-13.7
B	-13
Q1663	
E	0
C	0
B	1.8
Q1672	
E	0
C	12
B	0
Q1673	
E	8.7
C	0
B	9.1

<REAR JACK PWB>

[P.2-13 - P.2-14]

MODE PIN NO.	DC (V)
IC2081	
1	NC
2	0
3	2.9
4	5.3
Q2051	
E	0
C	0
B	-0.5
Q2052	
E	0
C	0
B	-0.5
Q2055	
E	0
C	-0.7
B	0

<ANALOG SIGNAL PWB>

[P.2-15 - P.2-16]

MODE PIN NO.	DC (V)
IC201	
1	2.7
2	0
3	2.7
4	0
5	2.2
6	0
7	0
8	1.8
9	0
10	2.7
11	0
12	2.7
13	0
14	2.2
15	0
16	1.8
17	0
18	4.5
19	4.6
20	0
21	4
22	3.3
23	0
24	0
25	1.5
26	1.5
27	0
28	0.1
29	0.1
30	0.4
31	4.9
32	1.5
33	0
34	2.1
35	2.4
36	2.1
37	0
38	0
39	0
40	1.7
41	0
42	4.9
43	0
44	0
45	1.7
46	4.9
47	2.1
48	0
IC202	
1	0
2	4.9
3	0
4	0.1
5	0.1
6	0
7	0.1
8	0
9	0.3
10	0
11	0.1
12	0
13	0
14	0
15	0
16	4.8
IC301	
1	4.8
2	4.9
3	4.9
4	0
5	4.7
6	0
7	4.6
8	4.7
9	4.7
10	0.4
11	4.5
12	4.4
13	0
14	4.6
15	0
16	4.7
17	4.7
18	4.7
19	0
20	4.5
21	4.4
22	0
23	4.4
24	4.5
25	0
26	4.4
27	4.4
28	0
29	0
30	4.4
31	9
32	4.5
33	4.5
34	0
35	4.5
36	4.5
37	0
38	4.5
39	4.5
40	4.5
41	4.5
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.7
49	0
50	4.7
51	0
52	4.7
53	0
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.7
60	0
61	4.7
62	0.4
63	4.4
64	4.5
65	0
66	4.6
67	4.7
68	4.6
69	0
70	4.4
71	4.3
72	0
73	4.8
74	4.7
75	4.6
76	4.6
77	0
78	4.4
79	4.5
80	0
Q301	
E	0
C	2.9
B	4.5
Q302	
E	0
C	2.9
B	4.5
Q303	
E	0
C	2.9
B	4.5
Q304	
E	0
C	2.9
B	4.5
Q305	
E	0
C	2.9
B	4.5
Q306	
E	0
C	2.9
B	4.5
Q307	
E	2.9
C	0
B	2.3

[P.2-17 - P.2-18]

MODE PIN NO.	DC (V)
IC501	
1	4
2	4.5
3	4
4	4.5
5	4.4
6	0.1
7	4.9
8	4.1
9	4.4
10	4.1
11	4.4
12	4.4
13	6.8
14	0
15	4.3
16	4.4
17	4.3
18	4.4
19	4.4
20	6.7
21	0
22	3.8
23	4.4
24	4
25	4.5
26	4.4
27	6.7
28	0
29	4.4
30	4
31	4.5
32	9
33	4.8
34	4.8
35	0
36	0
37	4.4
38	4.4
39	3.7
40	4.4
41	4.4
42	9
43	4.5
44	4.3
45	4.5
46	3.7
47	0
48	0
49	4.9
50	4.4
51	0
52	4.5
53	4.4
54	4.5
55	3.7
56	4
57	0
58	4.2
59	4.4
60	4
61	4.4
62	4.4
63	4.4
64	4.4
IC502	
1	2.2
2	2.1
3	9.2
4	2.3
5	0
6	9.2
IC503	
1	3.6
2	3.8
3	9.2
4	3
5	0
6	9.2
IC504	
1	2.2
2	2.1
3	9.2
4	2.3
5	0
6	9.2
Q507	
E	2.8
C	0
B	2.2
Q508	
E	3.1
C	0
B	2.6
Q509	
E	2.5
C	0
B	1.9

[P.2-19 - P.2-20]

MODE PIN NO.	DC (V)
IC801	
1	2.3
2	2
3	1.5
4	0.1
5	2.2
6	4.8
7	2.4
8	0
9	0.3
10	0.8
11	2.3
12	4.8
13	4.8
14	4.8
15	0
16	0
17	0
18	0
19	0
20	2.3
21	1.5
22	1.7
23	1.7
24	0
25	2.4
26	2.4
27	2.4
28	0
29	0
30	0
31	0
32	4.8
33	2.4
34	2.4
35	2.4
36	0.5
37	4.8
38	3.8
39	1.6
40	3.2
41	2.2
42	4.4
43	1.6
44	2.2
45	4.8
46	1.8
47	3.6
48	1.7
IC802	
1	1.3
2	3
3	4.8
4	2.4
5	0
6	1.8
7	2.2
8	0
9	0
10	0
11	4.7
12	0
13	4.8
14	0
15	4.9
16	4.8
17	0
18	0
19	2.4
20	4.8
21	0
22	2.6
23	2.6
24	3.3
25	3.3
26	0
27	3.5
28	1.6
IC803	
1	9
2	0
3	5
IC902	
1	4.7
2	3.3
3	0
Q402	
S	3
G	3.1
D	4.9
Q403	
S	2.9
G	3.1
D	4.8
Q404	
S	3
G	3.2
D	4.8
Q405	
S	3
G	3.2
D	4.9
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.6
C	0
B	2
Q810	
E	2
C	0
B	1.4
Q851	
E	1.6
C	0
B	1
Q853	
E	2
C	8.9
B	2.6
Q854	
E	2.6
C	8.9
B	3.3
Q855	
E	1.9
C	0
B	1.3
Q858	
E	2.9
C	9
B	3.5
Q859	
E	3.5
C	0
B	2.9
Q862	
E	0.9
C	3.9
B	1.5
Q863	
E	3.2
C	4.8
B	3.9
Q901	
E	9.7
C	9
B	9
QB613	
E	0
C	5
B	0
QB614	
E	4.6
C	0
B	5

<DIGITAL SIGNAL PWB>

[P.2-21 - P.2-22]

MODE PIN NO.	DC (V)
IC0401	
1	3.2
2	2
3	0
4	3.1
5	3.3
Q0101	
E	3.8
C	7.7
B	4.5
Q0102	
E	8.5
C	4.6
B	7.7
Q0104	
E	5.3
C	0
B	4.6
Q0105	
E	0
C	0.3
B	0
Q0107	
E	1.5
C	0
B	0.9
Q0108	
E	0.8
C	9
B	1.5
Q0109	
1	1.4
2	0.1
3	1.4
4	1.5
5	0.1
6	1.5
Q0110	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0201	
E	3.7
C	7.7
B	4.5
Q0202	
E	8.5
C	4.9
B	7.7
Q0203	
E	0
C	1.9
B	0
Q0204	
E	5.6
C	0
B	4.9
Q0205	
E	0
C	0.2
B	0
Q0206	
E	0.2
C	4.9
B	1.9
Q0207	
E	2.5
C	0
B	1.9
Q0208	
E	1.8
C	9
B	2.4
Q0209	
1	2.4
2	0.2
3	2.4
4	2.4
5	0.2
6	2.5
Q0210	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.2
Q0301	
E	3.7
C	7.7
B	4.5
Q0302	
E	8.5
C	4.9
B	7.7
Q0303	
E	0
C	1.9
B	0
Q0304	
E	5.7
C	0
B	5
Q0305	
E	0
C	0.3
B	0
Q0306	
E	0.1
C	4.9
B	1.9
Q0307	
E	2.5
C	0
B	1.9
Q0308	
E	1.8
C	9
B	2.4
Q0309	
1	2.4
2	0.1
3	2.4
4	2.5
5	0.1
6	2.5
Q0310	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0311	
E	0
C	3.4
B	0

[P.2-23 - P.2-24]

MODE PIN NO.	DC (V)
IC1001	
1	2.5
2	1.3
3	1.3
4	0
5	3.3
6	1.7
7	1.6
8	0
9	0
10	1.5
11	0
12	0
13	0
14	0
15	0
16	0
17	1.5
18	0
19	0
20	0
21	1.5
22	0
23	0
24	3.3
25	0
26	0
27	0
28	0
29	0
30	3.3
31	3.3
32	3.3
33	0
34	0
35	0
36	1.4
37	0
38	0
39	0
40	0
41	0
42	3.3
43	0.9
44	0.9
45	0
46	1
47	1.8
48	0.9
49	1
50	0
51	1.6
52	0
53	2.5
54	1.3
55	1.3
56	0
57	0
58	1.5
59	1.5
60	0
61	0
62	0
63	0.9
64	3.3
65	1
66	1
67	0
68	0.9
69	0.9
70	1.5
71	0.9
72	0.9
73	0
74	2.3
75	0.2
76	0
77	1.7
78	1.5
79	0
80	1
81	0.9
82	1.7
83	1.2
84	0
85	1.1
86	2.4
87	0.7
88	0.8
89	1.7
90	1.2
91	2.4
92	1.2
93	0
94	1.2
95	0.7
96	2.8
97	1.9
98	0
99	1.1
100	1.5
IC1002	
1	3.3
2	0
3	3.3
4	1.2
5	2.4
IC1003	
1	1.3
2	0
3	2.4
4	2.4
IC1005	
1	NC
2	0
3	3.1
4	3.1
5	0
6	0
7	0.9
8	1.1
9	0.9
10	1.2
11	1.7
12	1.1
13	1.5
14	1.4
15	3.2
16	1.6
17	0
18	2.2
19	1
20	0.9
21	0.9
22	0.8
23	0.9
24	0.9
25	1.1
26	3.2
27	NC
28	0
29	0
30	0.2
31	0
32	0
33	NC
34	0
35	1.6
36	3.2
37	0
38	NC
39	NC
40	3.2
41	NC
42	NC
43	NC
44	NC
45	0.2
46	0
47	2.7
48	0
49	NC
50	3.2
51	1.1
52	0.9
53	0.8
54	0.5
55	0
56	0.9
57	0.9
58	1
59	2.2
60	3.2
61	NC
62	0
63	1.4
64	1.6
65	1.1
66	1.7
67	3.2
68	1.3
69	0.9
70	1.1
71	0.9
72	0
73	0
74	0
75	3.2
76	3.2
77	NC
78	0
79	NC
80	NC
81	NC
82	NC
83	NC
84	NC
85	NC
86	NC
87	0
88	3.2
89	0
90	0
91	0
92	0
93	NC
94	NC
95	NC
96	0
97	2.7
98	0
99	NC
100	3.2
Q1001	
E	0
C	3.3
B	0
Q1003	
E	1.2
C	2.4
B	1.9
Q1004	
E	4.2
C	0
B	3.8
Q1005	
S	3.2
G	3.2
D	3.2
Q1006	
S	3.2
G	3.2
D	3.2
Q1101	
E	3.1
C	9
B	3.7
Q1103	
E	1.8
C	0
B	1.2
Q1201	
E	3.7
C	9
B	4.4
Q1203	
E	2
C	0
B	1.3
Q1301	
E	3.9
C	9
B	4.5
Q1303	
E	2.5
C	0
B	2
Q1401	
E	3.9
C	9
B	4.5
Q1403	
E	2.6
C	0
B	2

[P.2-25 - P.2-26]

MODE PIN NO.	DC (V)
IC3004	
1	3.2
2	3.2
3	0
4	0
5	3.3
6	0
7	0.1
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	3.3
16	5.1
IC3005	
1	0
2	0
3	0
4	0
5	3.3
IC3006	
1	3.2
2	0.2
3	0.1
4	0
5	0.4
6	0.2
7	3.3
8	3
IC3007	
1	0
2	NC
3	0.1
4	0
5	0
6	0
7	0.2
8	3.2
IC3008	
1	3.2
2	0
3	NC
4	5
5	3.2
IC3191	
1	0
2	NC
3	0
4	0
5	0
6	0
7	0
8	3.3

MODE PIN NO.	DC (V)
IC3403	
1	0
2	3.3
3	0
4	3.3
IC3501	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.5
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.6
51	0.7
52	0
53	1.8
54	1.3
55	1.1
56	0.2
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.4
66	0
67	2.5
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.5
74	1.2
75	1.2
76	0
77	0
78	1.2
79	205
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	1.1
98	0
99	0
100	1.2
IC3502	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	0
7	0
8	2.5
9	1.2
10	0
11	0.1
12	0
13	1.2
14	2.5
15	2.5
16	0
17	0
18	1.2
19	0
20	1.2
21	1.2
22	2.4
23	0
24	0.1
25	0
26	1.7
27	0
28	0.1
29	0.7
30	0.7
31	0.7
32	0.5
33	0.6
34	0.7
35	2.5
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0.7
48	0
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	0
55	1.2
56	0.3
57	0.3
58	1.2
59	0
60	1.2
61	1.2
62	0
63	0.2
64	0
65	2.5
66	0
67	2.5
68	1.2
69	1.2
70	0
71	0
72	0.1
73	0.1
74	1.2
75	0
76	0
77	1.2
78	1.2
79	0
80	1.2
81	0.7
82	0
83	0
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	0
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.5
6	2.5
7	2.5
8	1.2
Q3001	
E	2.2
C	3.3
B	2.9
Q3002	
E	2.9
C	0
B	2.1
Q3003	
E	0.6
C	3.3
B	1.3
Q3004	
E	1.4
C	0
B	0.7

[P.2-27 - P.2-28]

MODE PIN NO.	DC (V)
IC4003	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	3.3
9	0.1
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0.5
22	0.5
23	0.5
24	0
25	0.5
26	0.5
27	0.5
28	0.5
29	0.5
30	3.3
31	0
32	0
IC4004	
1	0
2	0
3	0
4	0
5	3.3
6	3.3
7	0
8	3.3

[P.2-29 - P.2-30]

MODE PIN NO.	DC (V)
IC7602	
1	0
2	0
3	0
4	0
5	3.3
6	3.2
7	0
8	3.3

[P.2-33 - P.2-34]

MODE PIN NO.	DC (V)
IC6502	
1	3.3
2	0
3	0.6
4	0.4
5	0
6	0.5
7	0.5
8	1.1
9	3.3
10	1
11	0.5
12	0.5
13	0
14	0
15	0.7
16	0.6
17	0
18	1
19	0.8
20	0.6
21	0
22	0.7
23	0.6
24	0.1
25	1.7
26	0.1
27	3.3
28	0
29	0
30	3.3
31	0.6
32	3.3
33	0
34	3.3
35	0
36	0
37	1.2
38	1.3
39	1.2
40	1.2
41	1.2
42	1.3
43	0
44	3.3
45	0
46	1.4
47	1.4
48	0
49	0
50	0
51	0.7
52	0.7
53	0
54	0.6
55	0.7
56	0.6
CN0LV2	
1	0
2	0
3	1.3
4	1.2
5	0
6	0
7	1.3
8	1
9	0.1
10	0
11	1.3
12	1.2
13	0
14	0
15	0
16	1.3
17	0
18	0
19	1.3
20	0
21	0
22	3.2
23	0
24	0
25	0
26	0
27	3
28	0
29	3
30	0
31	0

[P.2-37 - P.2-38]

MODE PIN NO.	DC (V)
IC1502	
1	4.4
2	0
3	3.7
4	0
5	0
6	9
7	3.7
8	0

[P.2-39 - P.2-40]

MODE PIN NO.	DC (V)
IC7001	
1	3.3
2	0
3	3.3
4	0
5	0
6	0
7	0
8	3.3
9	3.3
10	0
11	3.3
12	3.3
13	0
14	3.3
15	3.3
16	3.3
17	3.3
18	0
19	0
20	3.3
21	NC
22	3.3
23	1.6
24	1.4
25	3.3
26	0
27	0
28	0
29	0
30	0
31	0
32	3.3
33	0
34	3.3
35	0.5
36	3.3
37	0
38	0
39	0.3
40	0.2
41	0
42	0
43	0
44	0
45	0
46	0.4
47	0.4
48	3.3
49	0
50	2.6
51	3.3
52	3.3
53	0.5
54	3.3
55	3.9
56	3.3
57	3.3
58	3.3
59	3.3
60	3.3
61	0
62	3.3
63	1.7
64	0
65	0
66	3.3
67	3.3
68	3.3
69	3.3
70	3.3
71	3.3
72	0
73	3.3
74	3.3
75	3.3
76	3.3
77	3.3
78	0
79	3.2
80	0
81	3.3
82	3.3
83	0
84	3.3
85	3.3
86	3.3
87	3.3
88	0
89	0
90	3.3
91	0
92	0
93	3.3
94	0
95	3.3
96	3.2
97	NC
98	0
99	3.3
100	3.3
IC7002	0
1	0
2	0
3	0
4	0
5	3
6	3.1
7	0
8	3.3
IC7003	
1	3.2
2	3
3	3.2
4	0
5	3.2
6	3.2
7	3.2
8	3.2
IC7401	
1	3.3
2	3.3
3	0
4	0
Q7206	
E	0
C	2.5
B	0.6
Q7207	
E	3.2
C	3.2
B	0
Q7208	
E	3.2
C	4.5
B	0
Q7209	
E	3.2
C	0
B	0

[P.2-41 - P.2-42]

MODE PIN NO.	DC (V)
IC7501	
1	3.3
2	0.3
3	0.3
4	3.3
5	3.3
6	0
7	0
8	0
9	0
10	0
11	0.5
12	3.3
13	0
14	3.3
15	0
16	0
17	0
18	0
19	0
20	0
21	2.4
22	0
23	0
24	2.6
25	0
26	0.6
27	2.5
28	0
29	0
30	1.1
31	0
32	3.2
33	0.5
34	0.5
35	1.6
36	1.1
37	0
38	1
39	3
40	2.8
41	0
42	3.2
43	2.1
44	2.8
45	3.2
46	3.2
47	3.2
48	0
49	0
50	3.2
51	1.7
52	0
53	3.2
54	1.3
55	0.4
56	2.2
57	0.4
58	1.6
59	1.4
60	0
61	3.2
62	0.7
63	0
64	0
65	0
66	0
67	0
68	0
69	3.2
70	0
71	0
72	0
73	3.2
74	3.2
75	3.2
76	3
77	1.5
78	0
79	0
80	0
81	0
82	3.2
83	3.2
84	0
85	3.2
86	0
87	2.4
88	0
89	3.2
90	0
91	3.2
92	NC
93	0
94	0
95	0
96	0
97	0
98	3.2
99	3.2
100	0
101	3.2
102	3.2
103	0
104	NC
105	0
106	3.2
107	0
108	0.5
109	0.4
110	0
111	2.4
112	0.3
113	0.3
114	0.3
115	0
116	2.4
117	0
118	0
119	2.4
120	0
121	0.7
122	0
123	2.4
124	2.3
125	2.4
126	2.8
127	0.6
128	0
IC7502	
1	3.2
2	3.2
3	0
4	0
IC7503	
1	0
2	0
3	3.2
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	3.2
15	0
16	3.2
17	3
18	2.4
19	3
20	2.5
21	2.5
22	0
23	0
24	0
25	1.3
26	0
27	3.2
28	0
29	1.3
30	1.3
31	1.3
32	1.3
33	0
34	0
35	0
36	0
37	3.2
38	3.5
39	0
40	NC
41	0
42	0
43	3.2
44	0
45	0
46	0
47	0
48	0
49	3.2
50	0
51	3.2
52	0
53	3.2
54	0
IC7504	
1	3
2	2.4
3	0
4	2.5
5	0
6	0
7	0
8	0
9	0
10	0
11	3.2
12	3.2
13	NC
14	0
15	0
16	0
17	0
18	1.3
19	0
20	1.3
21	1.3
22	1.3
23	1.3
24	0
25	0
26	3.2
27	0
28	3.2
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	3.2
38	0
39	0
40	0
41	0
42	0
43	3.2
44	0
45	3.2
46	0
47	0
48	0
IC7505	
1	4.6
2	0
3	1.2
4	2.4
5	3.2
IC7506	
1	0.3
2	0
3	NC
4	NC
5	NC
6	0
7	0
8	0
9	0
10	0
11	0
12	3.2
13	0
14	0
15	0
16	3.2
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.1
7	4.8
8	0
Q7501	
E	2.2
C	0
B	1.6
Q7508	
E	0
C	0
B	0

<POWER PWB>
[P.2-57 - P.2-58]

MODE PIN NO.	DC (V)
IC9141	
1	5.6
2	0
3	4.7
IC9211	
1	1.8
2	2.4
3	0.9
4	0
5	2.2
6	0
7	8.9
8	13.7
IC9301	
1	20.4
2	0
3	15.9
Q9021	
E	0
C	0
B	0.4
Q9211	
S	0
D	110
G	9
Q9212	
E	0
C	17.1
B	0
Q9213	
1	0
2	0
3	18
4	13.7
5	17.2
6	0
Q9215	
E	0
C	0
B	0.5
Q9251	
E	0
C	17.5
B	16.4
Q9252	
E	0
C	17
B	2.2
Q9255	
E	0
C	7.9
B	0.1
Q9281	
E	1.4
C	0
B	2.3
Q9283	
E	0
C	4
B	0.2
Q9284	
E	0
C	0
B	2.8
PC9001	
1	47.4
2	47.1
3	0
4	2.8
PC9281	
1	1.3
2	0
3	0
4	0.1

[P.2-59 - P.2-60]

MODE PIN NO.	DC (V)
IC9501	
1	46.3
2	NC
3	0
4	14.4
5	0
6	1.1
7	0.4
PC9501	
1	13.5
2	0
3	1.1
4	12.2

<REGULATOR PWB>
[P.2-61 - P.2-62]

MODE PIN NO.	DC (V)
IC2001	
1	13.5
2	11.8
3	0
4	0
IC2101	
1	13.5
2	8.8
3	0
4	0
5	0
IC2201	
1	13.5
2	4.8
3	0
4	0
5	0
IC2301	
1	0
2	13.4
3	3.4
4	0
5	0
6	1.3
7	4.7
8	0
IC2401	
1	7.6
2	13.5
3	2.7
4	0
5	1.2
6	1.4
7	4.5
8	0
IC2701	
1	0
2	4.9
3	4.9
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	5
14	0
15	0
16	0
IC2702	
1	13.5
2	0
3	5
Q2801	
E	0
C	13.5
B	1.8
Q2802	
E	0
C	13.5
B	8.8
Q2803	
E	0
C	0.6
B	0
Q2804	
E	0
C	0.6
B	0
Q2805	
E	13.5
C	0.4
B	13.4
Q2806	
E	0
C	13.4
B	0
Q2807	
E	0
C	0
B	4.7

<FAN CONTROL PWB>
[P.2-63 - P.2-64]

MODE PIN NO.	DC (V)
IC8001	
1	3.4
2	0
3	0
4	12.8
5	11.8
IC8002	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8003	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8005	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	5
Q8001	
E	0
C	3.4
B	3.6
Q8002	
E	0
C	3.4
B	3.6
Q8003	
E	0
C	3.4
B	3.6
Q8004	
E	0
C	2.9
B	0
Q8005	
E	0
C	0
B	0.5

<FRONT LED PWB>
[P.2-69]

MODE PIN NO.	DC (V)
Q0701	
E	0
C	4.8
B	2.8
Q0702	
E	0
C	4.8
B	2.6
Q0704	
E	0
C	4.8
B	2.6
Q0705	
E	0
C	0
B	2.6

<REMOTE SENSOR PWB>
[P.2-66]

MODE PIN NO.	DC (V)
IC8001	
1	4.8
2	4.8
3	0

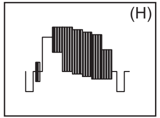
<TEMP SENSOR PWB>
[P.2-70]

MODE PIN NO.	DC (V)
IC2001	
1	4.6
2	4.7
3	0
4	0
5	0
6	0
7	0
8	5

WAVEFORMS

RECEIVER PWB(1/2)

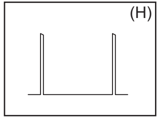
IC1001-17



1.8 Vp-p

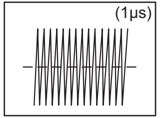
ANALOG SIGNAL PWB(1/3)

IC201-8



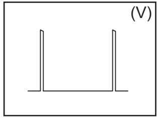
1.0 Vp-p

IC201-21



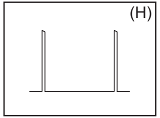
0.25 Vp-p

IC201-29



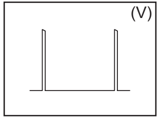
3.3 Vp-p

IC201-30



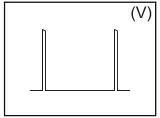
3.5 Vp-p

IC202-4



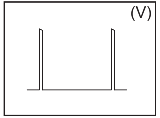
4.6 Vp-p

IC202-5



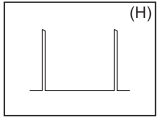
3.2 Vp-p

IC202-7



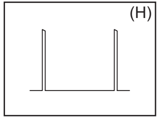
3.2 Vp-p

IC202-9



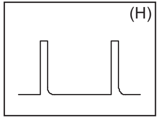
3.2 Vp-p

IC202-11



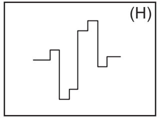
3.3 Vp-p

IC202-12



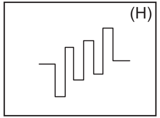
4.0 Vp-p

IC301-35



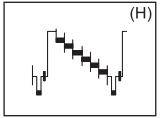
0.9 Vp-p

IC301-36



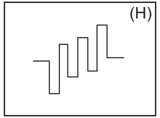
0.9 Vp-p

IC301-38



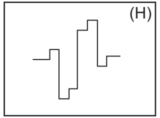
1.2 Vp-p

IC301-43



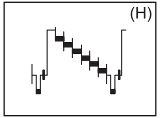
0.8 Vp-p

IC301-44



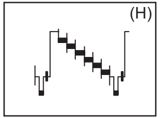
0.6Vp-p

IC301-46



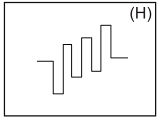
0.8 Vp-p

IC301-74



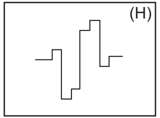
0.8 Vp-p

IC301-75



0.4Vp-p

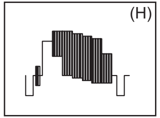
IC301-76



0.4 Vp-p

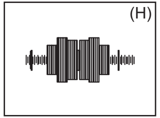
ANALOG SIGNAL PWB(2/3)

IC501-44



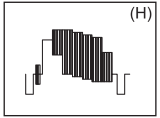
1.8 Vp-p

IC501-47



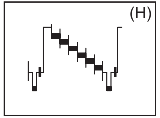
2 Vp-p

IC501-53



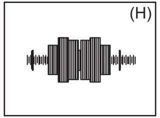
2.3 Vp-p

IC501-56



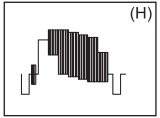
1.8 Vp-p

IC501-58



1 Vp-p

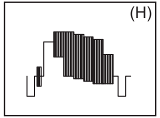
IC501-63



1.8 Vp-p

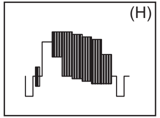
ANALOG SIGNAL PWB(3/3)

IC801-1



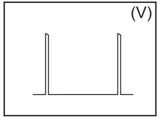
1 Vp-p

IC801-3



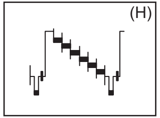
2 Vp-p

IC801-4



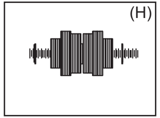
4.8 Vp-p

IC801-5



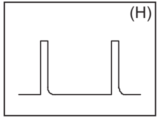
0.8 Vp-p

IC801-7



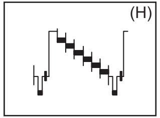
0.4 Vp-p

IC801-9



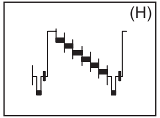
4.2 Vp-p

IC801-11



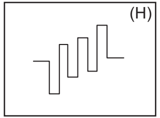
0.8 Vp-p

IC801-21



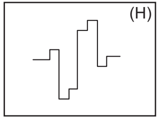
0.6 Vp-p

IC801-22



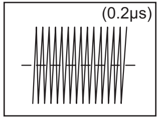
0.6 Vp-p

IC801-23



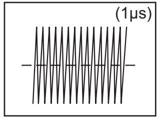
0.6Vp-p

IC801-38



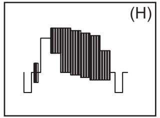
0.3 Vp-p

IC801-46



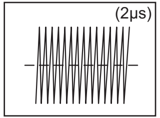
0.8 Vp-p

IC802-7



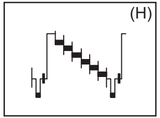
0.4Vp-p

IC802-19



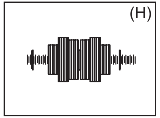
0.4 Vp-p

IC802-25



1.6 Vp-p

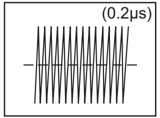
IC802-27



1.1 Vp-p

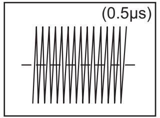
DIGITAL SIGNAL PWB(2/11)

IC1001-7



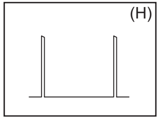
5.2 Vp-p

IC1001-58



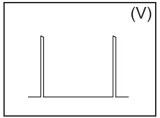
4.8 Vp-p

IC1001-75



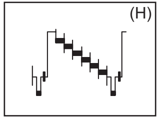
3.4 Vp-p

IC1001-76



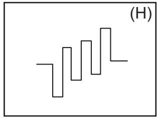
3.4 Vp-p

IC1001-85



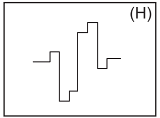
0.6 Vp-p

IC1001-92



0.5 Vp-p

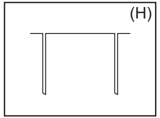
IC1001-94



0.5 Vp-p

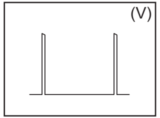
DIGITAL SIGNAL PWB(7/11)

IC6502-27



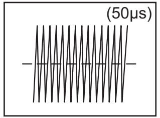
3.5 Vp-p

IC6502-28



3.5 Vp-p

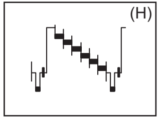
IC6502-31



5.0 Vp-p

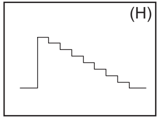
DIGITAL SIGNAL PWB(9/11)

IC1502-1



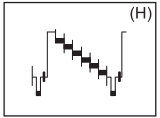
1.7 Vp-p

IC1502-5



0.7 Vp-p

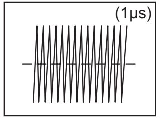
IC1502-7



1.5 Vp-p

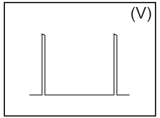
DIGITAL SIGNAL PWB(10/11)

IC7001-23



2.5Vp-p

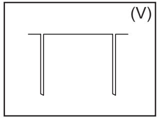
IC7001-78



3.5 Vp-p

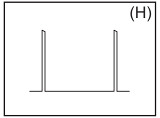
DIGITAL SIGNAL PWB(11/11)

IC7501-102



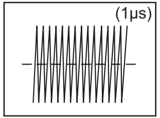
3.3 Vp-p

IC7501-103



3.5 Vp-p

IC7501-109



1.5Vp-p

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

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VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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USING P.W. BOARD & REMOTE CONTROL UNIT

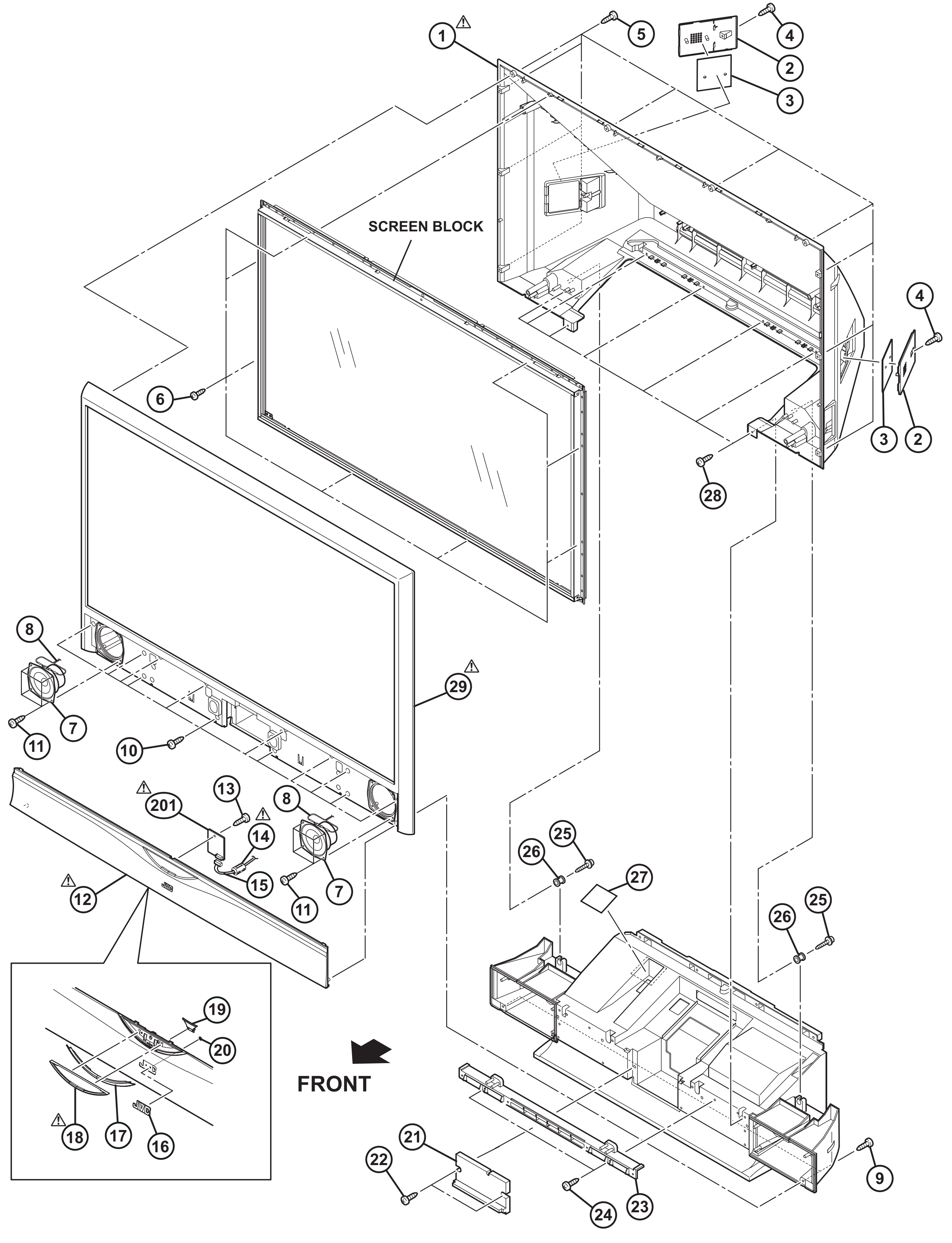
P.W.B ASS'Y name	P.W.B ASS'Y No.		
	HD-Z56RX5	**HD-Z56RX5/A**	**HD-Z56RX5/S**
ANALOG SIGNAL P.W.B	LCA10621-01A (SRP-1501A)	←	←
REGULATOR P.W.B	LCA90462-05C (SRP-2501A)	←	←
MAIN DRIVE P.W.B	LCA90563-02B (SRP-3012A)	←	←
REMOTE SENSOR P.W.B	LCA90578-01B (SRP-8007A)	←	←
FAN CONTROL P.W.B	LCA90502-02A (SRP-8110A)	←	←
TEMP SENSOR P.W.B	LCA90529-01B (SRP-8209A)	←	←
POWER P.W.B	LCA90461-05D (SRP-9501A)	←	←
DIGITAL SIGNAL P.W.B	LCA10557-22B (SRP-0D502A)	←	←
REAR JACK P.W.B	LCA90580-01B (SRP-0J501A)	←	←
SIDE CONTROL P.W.B	LCA90562-01A (SRP-0L051A)	←	←
LAMP COVER SW P.W.B	LCA90591-01A (SRP-0L206A)	←	←
FRONT LED P.W.B	LCA90579-01A (SRP-0L501A)	←	←
RECEIVER P.W.B	LCA90547-01B (SRP-0R501A)	←	←
REMOTE CONTROL UNIT	RM-C1835-1C	←	←

P.W.B ASS'Y name	P.W.B ASS'Y No.		
	HD-Z70RX5	**HD-Z70RX5/A**	**HD-Z70RX5/S**
ANALOG SIGNAL P.W.B	LCA10621-01A (SRP-1501A)	←	←
REGULATOR P.W.B	LCA90462-05C (SRP-2501A)	←	←
MAIN DRIVE P.W.B	LCA90563-02B (SRP-3012A)	←	←
REMOTE SENSOR P.W.B	LCA90578-01B (SRP-8007A)	←	←
FAN CONTROL P.W.B	LCA90502-02A (SRP-8110A)	←	←
TEMP SENSOR P.W.B	LCA90529-01B (SRP-8209A)	←	←
POWER P.W.B	LCA90461-05D (SRP-9501A)	←	←
DIGITAL SIGNAL P.W.B	LCA10557-21B (SRP-0D501A)	←	←
REAR JACK P.W.B	LCA90580-01B (SRP-0J501A)	←	←
SIDE CONTROL P.W.B	LCA90562-01A (SRP-0L051A)	←	←
LAMP COVER SW P.W.B	LCA90591-01A (SRP-0L206A)	←	←
FRONT LED P.W.B	LCA90579-01A (SRP-0L501A)	←	←
RECEIVER P.W.B	LCA90547-01B (SRP-0R501A)	←	←
REMOTE CONTROL UNIT	RM-C1835-1C	←	←

EXPLODED VIEW PARTS LIST -1 [HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC12339-001C-AK	BACK COVER		
	2	LC21888-001B-AK	FILTER COVER	(x2)	
	3	LC33158-001A	FILTER	(x2)	
	4	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	5	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x10)	
	6	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x8)	
	7	QAS0361-001	SPEAKER	SP01/SP02(x2)	
	8	WJZ0169-001A-E	E-HARNESS ASSY		
	9	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	10	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x12)	
	11	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x8)	
⚠	12	LC12311-005A	SPEAKER GRILL		
	13	QYSBSFG3008ZA	TAP SCREW	M3 x 8mm	
⚠	14	QQR0491-001	FERRITE CORE		
	15	WJJ0486-002A-E	E-SI C WIRE C-C		
	16	LC32707-002A-C	JVC MARK		
	17	LC21876-001A-AK	INDICATE WINDOW		
⚠	18	LC33145-004A-0K	POWER KNOB ASSY		HD-Z56RX5
⚠	18	LC33145-004A	POWER KNOB ASSY		HD-Z56RX5/A,HD-Z70RX5/S
	19	LC33148-001B-AK	LED LENS		
	20	QYNSS2000P	PUSH NUT	M2	
	21	LC21590-001C-AK	CENTER COVER		
	22	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	23	LC12303-001B-AK	SUPPORT HOLDER		
	24	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	25	LC40506-003A	TAPPING SCREW	(x2)	
	26	LC40226-005A-H	SPACER	(x2)	
	27	LC33223-001A	LIGHT PROTECTOR		
	28	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x7)	
⚠	29	LC12338-009B	FRONT PANEL		
⚠	201	LCA90579-01A	FRONT LED PWB		

EXPLODED VIEW -1 [HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S]



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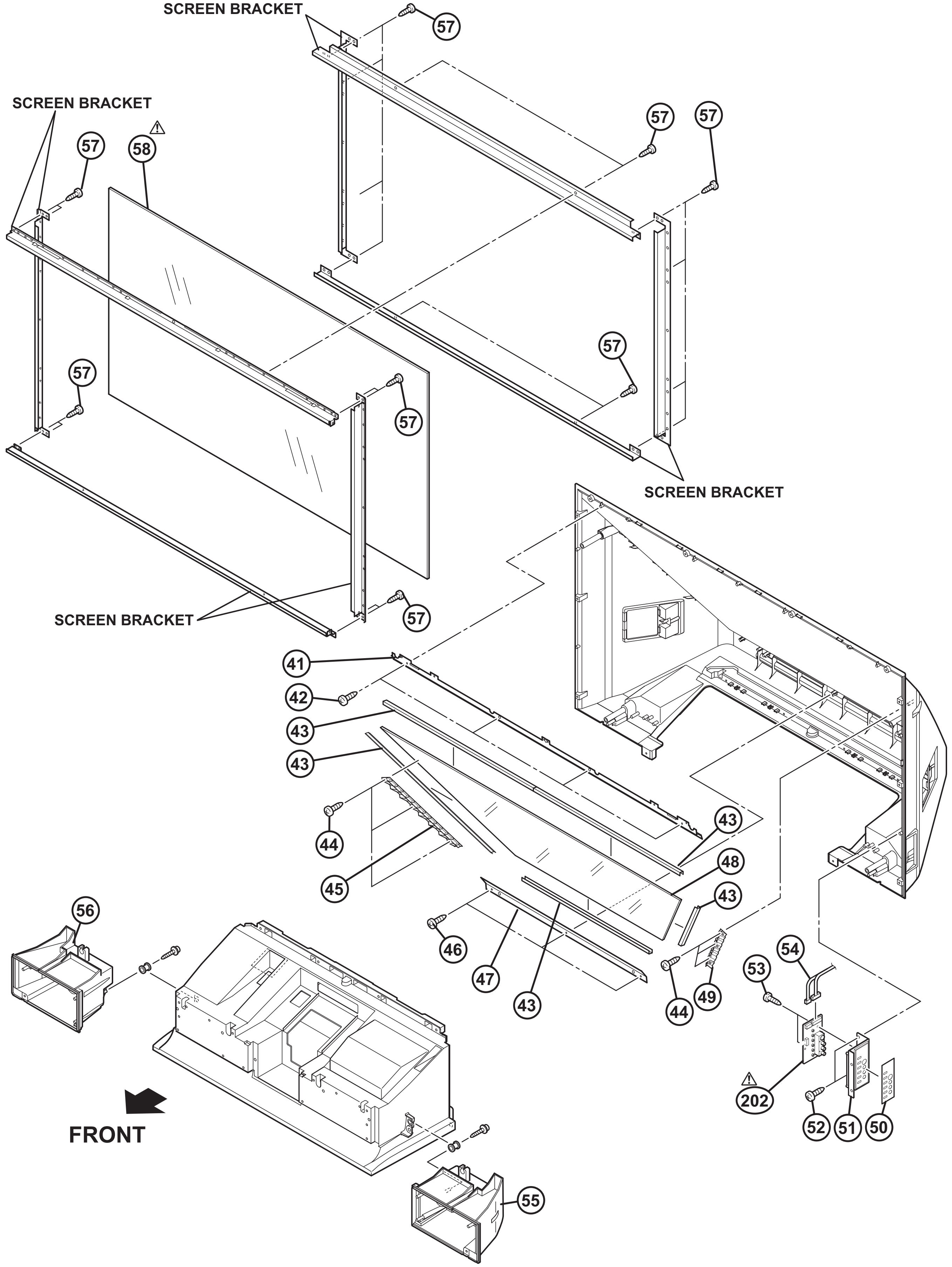
EXPLODED VIEW PARTS LIST -2
[HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	41	LC12370-001A-AK	MIRROR HOLDER	TOP	
	42	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x4)	
	43	LC21925-002A	SPONGE SPACER	(x5)	
	44	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x6)	
	45	LC21538-001A-AK	MIRROR HOLDER	LEFT	
	46	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x3)	
	47	LC12371-001A-AK	MIRROR HOLDER	BOTTOM	
	48	LC33055-004A	56" GLASS MIRROR		
	49	LC21538-002A-AK	MIRROR HOLDER	RIGHT	
	50	LC33132-002A	SIDE CONTROL SHEET		
	51	LC21805-002A-AK	SIDE CONTROL BASE		
	52	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	53	QYSBSFG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	54	WJZ0151-001A-E	E-HARNESS ASSY		
	55	LC12312-001A-AK	SPEAKER BOX	RIGHT	
	56	LC12312-002A-AK	SPEAKER BOX	LEFT	
	57	QYSBSG4008ZA	TAP SCREW	M4 x 8mm(x20)	
⚠	58	56ILASC-03A	SCREEN ASSY		
⚠	202	LCA90562-01A	SIDE CONTROL PWB		

EXPLODED VIEW -2 [HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S]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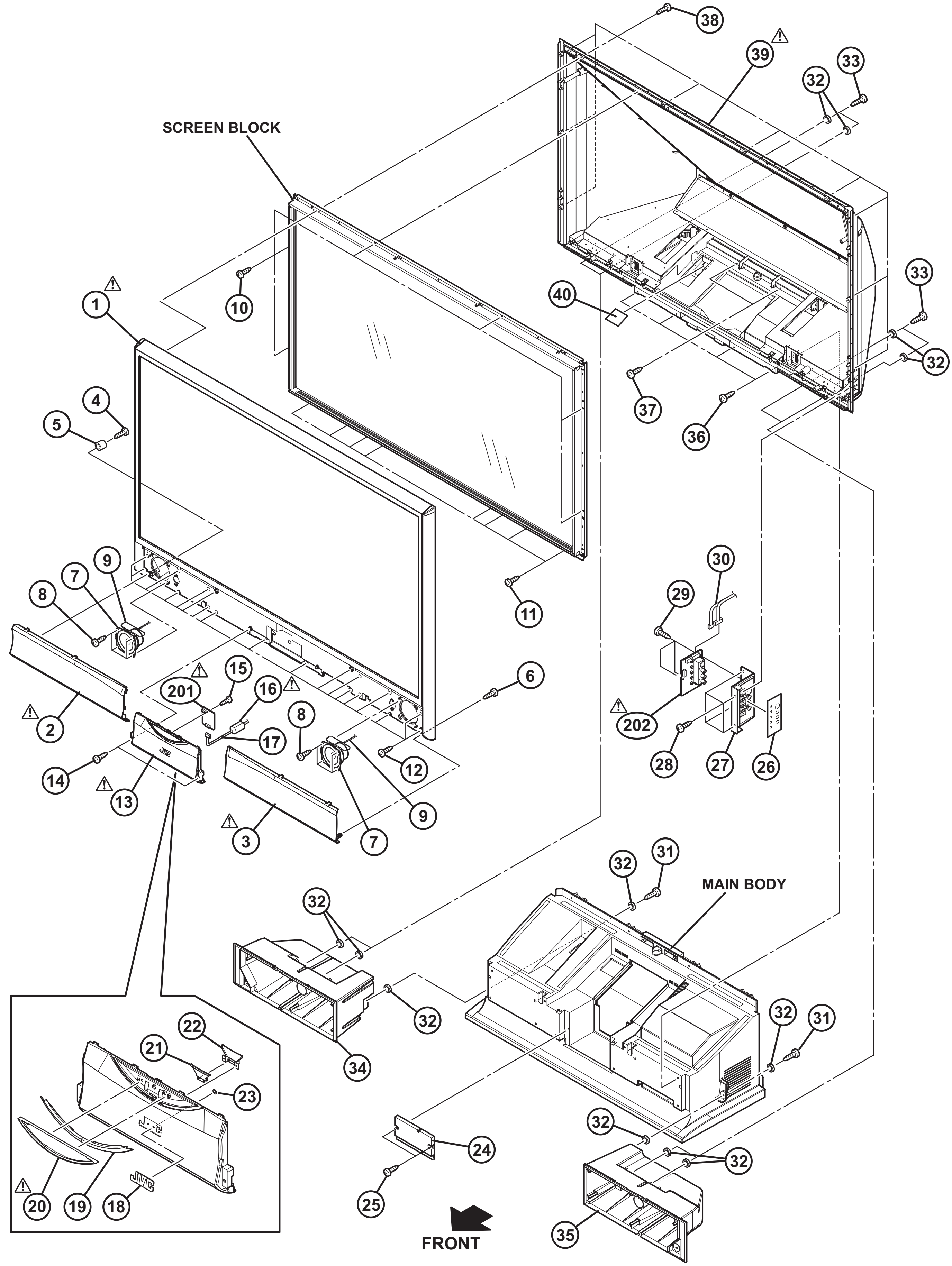
EXPLODED VIEW PARTS LIST -3
[HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC12132-006A	FRONT PANEL		
⚠	2	LC12142-009A	SPEAKER GRILL	LEFT	
⚠	3	LC12142-008A	SPEAKER GRILL	RIGHT	
	4	LC42077-001A	ASSY SCREW		
	5	LC42276-001A	INSERT NUT		
	6	QYSBSFG4016MA	TAP SCREW	M4 x 16mm	
	7	QAS0361-001	SPEAKER	SP01/SP02(x2)	
	8	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x8)	
	9	WJZ0169-002A-E	E-HARNESS ASSY		
	10	QYSBSF4012ZA	TAP SCREW	M4 x 12mm(x6)	
	11	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x8)	
	12	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x18)	
⚠	13	LC12141-004A	CENTER PANEL		
	14	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	15	QYSBSFG3008ZA	TAP SCREW	M3 x 8mm	
⚠	16	QQR0491-001	FERRITE CORE		
	17	WJJ0486-002A-E	E-SI C WIRE C-C		
	18	LC32412-003A-C	JVC MARK		
	19	LC21802-003A	ORNAMENT PLATE		
⚠	20	LC33145-004A-0K	POWER KNOB ASSY		HD-Z70RX5
⚠	20	LC33145-004A	POWER KNOB ASSY		HD-Z70RX5/A,HD-Z70RX5/S
	21	LC33048-001B-AK	LED LENS		
	22	LC33066-001A-AK	LENS HOLDER		
	23	QYNSS3000P	PUSH NUT	M3	
	24	LC21590-001C-AK	CENTER COVER		
	25	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	26	LC33132-002A	SIDE CONTROL SHEET		
	27	LC21805-002A-AK	SIDE CONTROL BASE		
	28	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	29	QYSBSFG3008ZA	TAP SCREW	M3 x 8mm(x3)	
	30	WJZ0151-002A-E	E-HARNESS ASSY		
	31	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	32	LC42165-001A	RUBBER WASHER	(x12)	
	33	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	34	LC12143-002A-AK	SPEAKER BOX	LEFT	
	35	LC12143-001A-AK	SPEAKER BOX	RIGHT	
	36	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	37	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	38	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x10)	
⚠	39	LC12133-001F-AK	BACK COVER		
	40	LC33223-001A	LIGHT PROTECTOR		
⚠	201	LCA90579-01A	FRONT LED PWB		
⚠	202	LCA90562-01A	SIDE CONTROL PWB		

EXPLODED VIEW -3 [HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S]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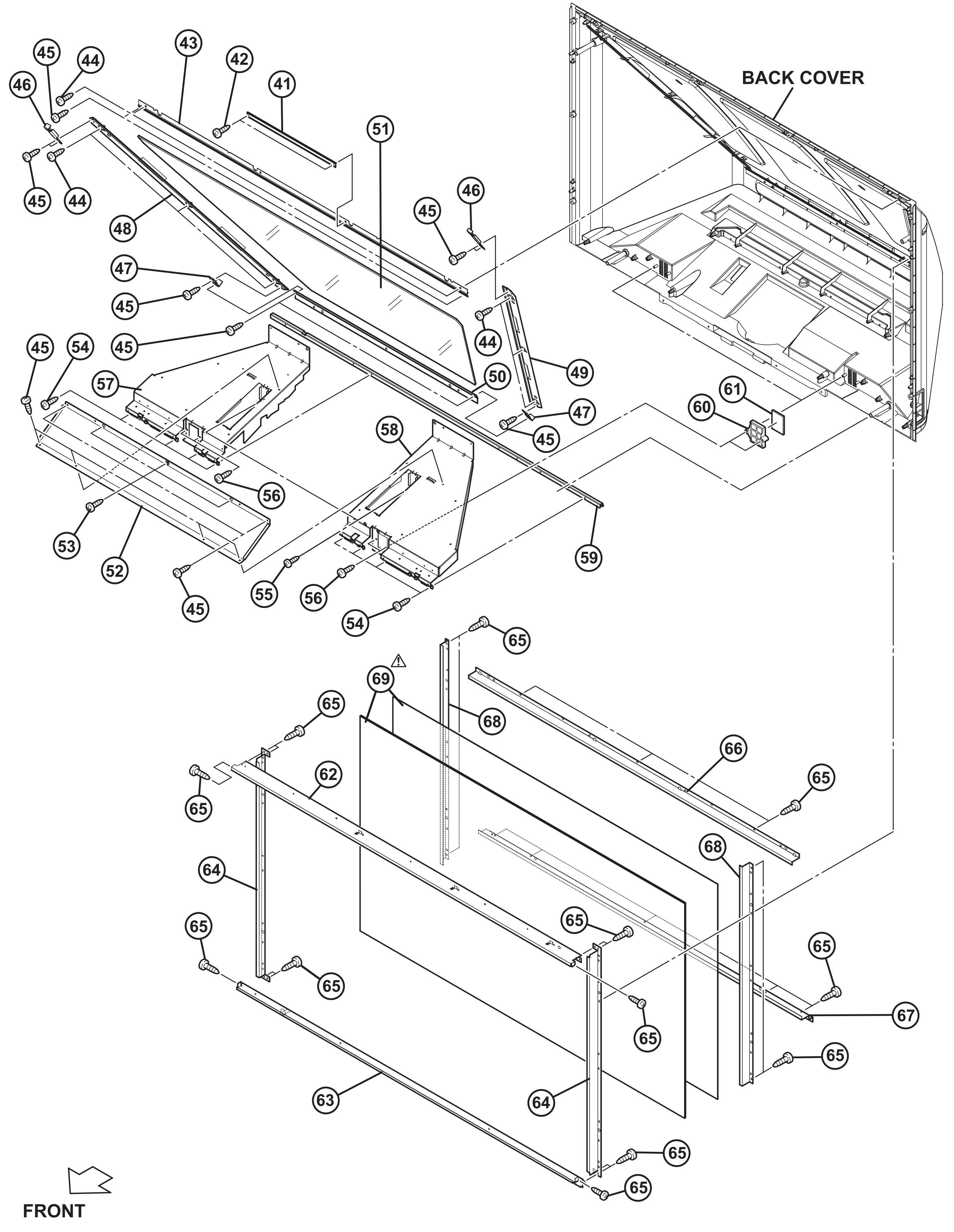
EXPLODED VIEW PARTS LIST -4
[HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	41	LC33173-001A-AK	MIRROR HOLDER STOPPER		
	42	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x2)	
	43	LC12163-001B-AK	MIRROR HOLDER	TOP	
	44	QYSBSFG4010ZA	TAP SCREW	M4 x 10mm(x8)	
	45	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x16)	
	46	LC33141-001A-AK	MIRROR HOLDER BRACKET	TOP(x2)	
	47	LC33140-001A-AK	MIRROR HOLDER BRACKET	BOTTOM(x2)	
	48	LC12165-002A-AK	MIRROR HOLDER	LEFT	
	49	LC12165-001A-AK	MIRROR HOLDER	RIGHT	
	50	LC12164-001B-AK	MIRROR HOLDER	BOTTOM	
	51	LC33055-001A	70" GLASS MIRROR		
	52	LC12335-001B-AK	BACK COVER BRACKET	REAR	
	53	QYSBSFG4016MA	TAP SCREW	M4 x 16mm	
	54	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x8)	
	55	QYSBSFG4016MA	TAP SCREW	(x2)	
	56	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	57	LC12333-001B-AK	BACK COVER BRACKET	LEFT	HD-Z70RX5,HD-Z70RX5/S
	57	LC12333-001A-AK	BACK COVER BRACKET	LEFT	HD-Z70RX5/A
	58	LC12334-001B-AK	BACK COVER BRACKET	RIGHT	
	59	LC12332-001A-AK	BACK COVER BRACKET	FRONT	
	60	LC21539-001A-AK	FILTER COVER	(x2)	
	61	LC32621-001A-AK	BACK COVER FILTER	(x2)	
	62	LC12167-001B-AK	SCREEN BRACKET	FRONT TOP	
	63	LC12171-001C-AK	SCREEN BRACKET	FRONT BOTTOM	
	64	LC12169-001B-AK	SCREEN BRACKET	FRONT SIDE(x2)	
	65	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x24)	
	66	LC12168-001C-AK	SCREEN BRACKET	REAR TOP	
	67	LC12172-001D-AK	SCREEN BRACKET	REAR BOTTOM	HD-Z70RX5,HD-Z70RX5/A
	67	LC12172-001D	SCREEN BRACKET	REAR BOTTOM	HD-Z70RX5/S
	68	LC12170-001C-AK	SCREEN BRACKET	REAR SIDE(x2)	
⚠	69	70SC-002A	SCREEN ASSY		

EXPLODED VIEW -4 [HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S]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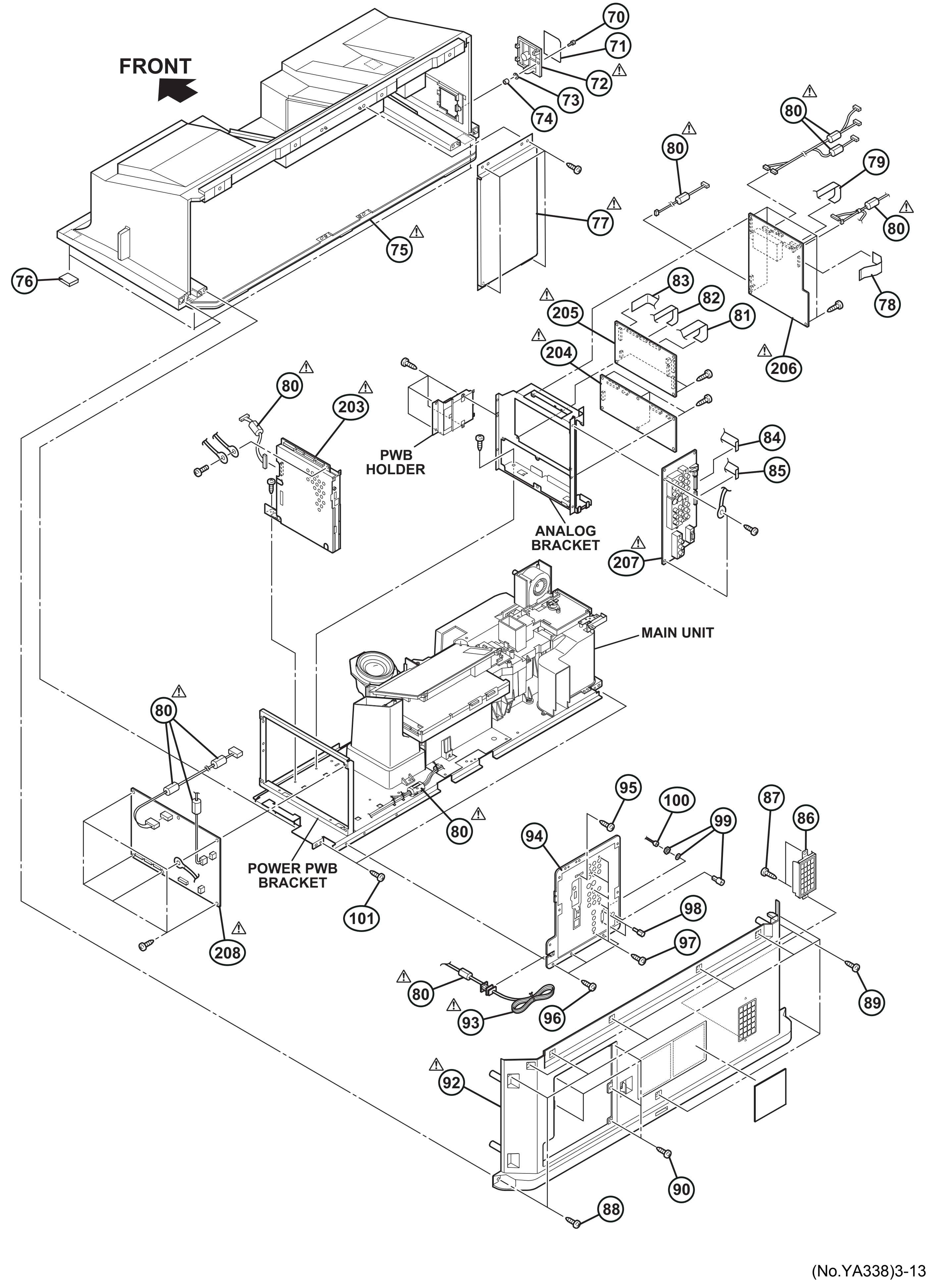
EXPLODED VIEW PARTS LIST -5

⚠	Ref.No.	Part No.	Part Name	Description	Local
	70	LC33041-002A	KNOB SCERW		
	71	LC33208-001A	WARNING SHEET		HD-Z70RX5,HD-Z70RX5/A
	71	LC33295-001A	WARNING SHEET		HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S,HD-Z70RX5/S
⚠	72	LC12307-001B-AK	LAMP COVER		HD-Z70RX5/A
⚠	72	LC12307-001A-AK	LAMP COVER		HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S,HD-Z70RX5,HD-Z70RX5/S
	73	LC41978-001A	WASHER		
	74	LC42276-001A	INSERT NUT		
⚠	75	LC12263-005A	MAIN BODY		
	76	LC33206-001A	FOOT	(x4)	
⚠	77	LC11943-001B-AK	BODY BRACKET		
	78	QUQ105-4013AE-E	FFC WIRE	40pin 13cm	
	79	QUQ105-3015AE-E	FFC WIRE	30pin 15cm	
⚠	80	QQR0491-001	FERRITE CORE	(x10)	
	81	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	82	QUQ105-3015AE-E	FFC WIRE	30pin 15cm	
	83	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	84	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	85	QUQ105-5013AE-E	FFC WIRE	50pin 13cm	
	86	LC21690-001C-AK	LAMP DUCT BRACKET		HD-Z56RX5,HD-Z56RX5/A,HD-Z70RX5,HD-Z70RX5/A
	86	LC21690-002A-AK	LAMP DUCT BRACKET		HD-Z56RX5/S,HD-Z70RX5/S
	87	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	88	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x9)	
	89	QYSBSFG4016MA	TAP SCREW	(x2)	HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S
	90	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x5)	
⚠	92	LC12259-001C-AK	BODY COVER		HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S,HD-Z70RX5/A,HD-Z70RX5/S
⚠	92	LC12259-001B-AK	BODY COVER		HD-Z70RX5
⚠	93	QMPR880-170-JC	POWER CORD	1.7m BLACK	HD-Z56RX5,HD-Z70RX5
⚠	93	QMPG220-170-JC	POWER CORD	1.7m BLACK	HD-Z56RX5/A,HD-Z70RX5/A
⚠	93	QMPR890-170-JC	POWER CORD	1.7m BLACK	HD-Z56RX5/S,HD-Z70RX5/S
	94	LC22005-001A	AV TERMINAL BOARD		
	95	QYSBSG4012ZA	TAP SCREW	M4 x 12mm	
	96	QYSBSG4008ZA	TAP SCREW	M4 x 8mm(x3)	
	97	QYSBSF3012MA	TAP SCREW	M3 x 12mm(x5)	
	98	QNB0036-001	HEX SCREW	(x2)	
	99	QNB0112-002	ANTENNA TERMINAL		
	100	WJX0016-002A-E	E-COAXIAL ASSY		
	101	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
⚠	203	LCA10557-22B	DIGITAL SIGNAL PWB		HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S
⚠	203	LCA10557-21B	DIGITAL SIGNAL PWB		HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S
⚠	204	LCA90462-05C	REGULATOR PWB		
⚠	205	LCA10621-01A	ANALOG SIGNAL PWB		
⚠	206	LCA90547-01B	RECEIVER PWB		
⚠	207	LCA90580-01B	REAR JACK PWB		
⚠	208	LCA90461-05D	POWER PWB		

EXPLODED VIEW -5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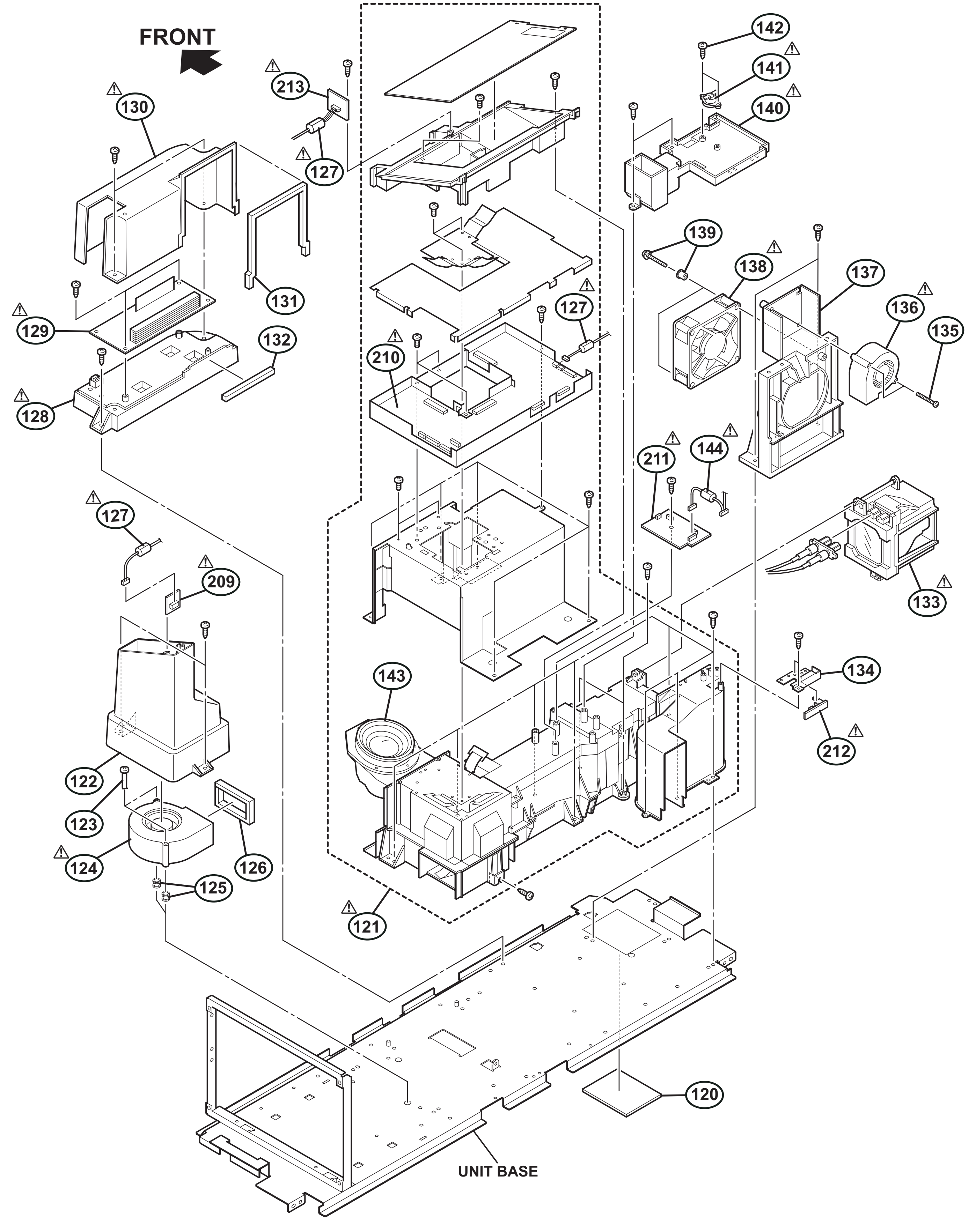
EXPLODED VIEW PARTS LIST -6

⚠	Ref.No.	Part No.	Part Name	Description	Local
	120	LC33254-001A	SPACER		
⚠	121	TS-COP7C-SA	OPTICAL/DRIVE ASSY	Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS	
	122	LC12355-001B-AK	SIROCCO TOP CASE	TOP	
	123	QYSPSPD4045MA	SCREW	M4 x 45mm(x2)	
⚠	124	QAR0368-001	OPTICAL BLOCK COOLING FAN		
	125	LC42034-001A	WELL NUT	(x2)	
	126	LC33222-007B	SPONGE		
⚠	127	QQR0490-001	NOISE FILTER	(x3)	
⚠	128	LC12353-001B-AK	LAMP BALLAST BRACKET		
⚠	129	QAL0765-001	LAMP BALLAST UNIT		
⚠	130	LC12354-001B-AK	LAMP BALLAST DUCT		
	131	LC33222-008A	SPONGE		
	132	LC33222-009A	SPONGE		
⚠	133	TS-CL110CA	LAMP UNIT	Inc.Accessory	
	134	LC33160-001A-AK	SW BRACKET		
	135	QYSBSFG4035MA	TAP SCREW	M4 x 35mm(x2)	
⚠	136	QAR0367-001	LAMP COOLING FAN-1		
	137	LC12620-001B	FAN HOLDER		
⚠	138	QAR0384-001	LAMP COOLING FAN-2		
	139	LC42394-001A	FAN MOUNT	(x4)	
⚠	140	LC12225-001A-AK	LAMP FAN DUCT		
⚠	141	QMR0011-001	THERMOSTAT		
	142	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	143	LC12229-001A	PROJECTION LENS		
⚠	144	QQR0491-001	FERRITE CORE		
⚠	209	LCA90529-01B	TEMP SENSOR PWB		
⚠	210	LCA90563-02B	MAIN DRIVE PWB		
⚠	211	LCA90502-02A	FAN CONTROL PWB		
⚠	212	LCA90591-01A	LAMP COVER SW PWB		
⚠	213	LCA90578-01B	REMOTE SENSOR PWB		

EXPLODED VIEW -6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PRINTED WIRING BOARD PARTS LIST
[HD-Z56RX5, HD-Z56RX5/A, HD-Z56RX5/S]

ANALOG SIGNAL P.W. BOARD ASS'Y
(LCA10621-01A) (SRP-1501A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TB1305FG	IC		
IC202	SN74CBT3253PW-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC502	MM1510XN-X	IC		
IC503	MM1510XN-X	IC		
IC504	MM1510XN-X	IC		
IC604	RC4558D-X	IC		
IC801	TB1274BFG	IC		
IC802	TC90A69AF-X	IC		
IC803	BA50BC0FP-X	IC		
IC902	TA48M033F-X	IC		
Q301	2SC3837K/NP/-X	TRANSISTOR		
Q302	2SC3837K/NP/-X	TRANSISTOR		
Q303	2SC3837K/NP/-X	TRANSISTOR		
Q304	2SC3837K/NP/-X	TRANSISTOR		
Q305	2SC3837K/NP/-X	TRANSISTOR		
Q306	2SC3837K/NP/-X	TRANSISTOR		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK3019-X	MOS FET		
Q403	2SK3019-X	MOS FET		
Q404	2SK3019-X	MOS FET		
Q405	2SK3019-X	MOS FET		
Q507	2SA1530A/QR/-X	TRANSISTOR		
Q508	2SA1530A/QR/-X	TRANSISTOR		
Q509	2SA1530A/QR/-X	TRANSISTOR		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D201	1SS355-X	SI DIODE		
D501	UDZS10B-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB301	UDZS10B-X	Z DIODE		
DB302	UDZS10B-X	Z DIODE		
DB601	1SS355-X	SI DIODE		
DB602	1SS355-X	SI DIODE		
DB605	1SS355-X	SI DIODE		
C201	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C202	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C203	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C204	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C205	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C206	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C207	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C208	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C210	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C211	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C212	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C213	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C215	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C216	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C218	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C221	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C223	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C224	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C306	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C307	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C308	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C313	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C315	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C317	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C318	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C339	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C343	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C349	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C354	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C355	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C356	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C357	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C403	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C404	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C405	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C406	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C501	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C502	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C503	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C515	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C516	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C517	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C519	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C520	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C523	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C524	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C525	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C526	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C527	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C801	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C802	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C803	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C828	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C879	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C890	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB401	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
CB501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB613	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
CB614	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
R201	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R204	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R206	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R209	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R232	NRS12BJ-151W	MG RESISTOR	150Ω 1/2W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R312	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R313	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R314	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R319	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R337	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R338	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R339	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R375	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R385	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R395	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R532	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R533	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R538	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R575	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R579	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R580	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R581	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R632	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R636	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R672	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R674	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB625	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	P COIL	6.8uH K	
L852	NQL092K-6R8X	P COIL	6.8uH K	
L853	NQL092K-6R8X	P COIL	6.8uH K	
L854	NQL092M-270X	P COIL	27uH M	
L855	NQL904J-560X	COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	NAX0787-001X	CRYSTAL		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

REGULATOR P.W. BOARD ASS'Y (LCA90462-05C) (SRP-2501A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	PQ120RDA1SZ	IC		
IC2101	PQ1CG2032FZ	IC		
IC2202	L7805CP	IC		
IC2301	MP1580HS-X	IC		
IC2401	MP1580HS-X	IC		
IC2701	M62320FP-X	IC		
IC2702	BA50BC0FP-X	IC		
Q2801	2SC3928A/QR/-X	TRANSISTOR		
Q2802	2SC3928A/QR/-X	TRANSISTOR		
Q2803	2SC3928A/QR/-X	TRANSISTOR		
Q2804	2SC3928A/QR/-X	TRANSISTOR		
Q2805	2SA1530A/QR/-X	TRANSISTOR		
Q2806	UN2213-X	DIGI TRANSISTOR		
Q2807	UN2213-X	DIGI TRANSISTOR		
D2001	D1FS4-X	SB DIODE		
D2002	1SS355-X	SI DIODE		
D2102	FSQ05A04	SB DIODE		
D2103	MTZJ11B-T2	Z DIODE		
D2203	MTZJ6.8B-T2	Z DIODE		
D2302	EC30HA03L-X	SB DIODE		
D2303	EC30HA03L-X	SB DIODE		
D2304	MTZJ3.9B-T2	Z DIODE		
D2401	1SS355-X	SI DIODE		
D2402	EC30HA03L-X	SB DIODE		
D2403	EC30HA03L-X	SB DIODE		
D2404	MTZJ3.9B-T2	Z DIODE		
D2701	UDZS5.1B-X	Z DIODE		
D2801	1SS355-X	SI DIODE		
D2802	UDZS5.1B-X	Z DIODE		
D2803	1SS355-X	SI DIODE		
D2804	1SS355-X	SI DIODE		
D2805	1SS355-X	SI DIODE		
D2806	UDZS5.1B-X	Z DIODE		
D2807	1SS355-X	SI DIODE		
D2808	1SS355-X	SI DIODE		
D2809	1SS355-X	SI DIODE		
C2001	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2002	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2003	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2004	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2005	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2006	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2101	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2102	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C2103	QEHR1CM-108Z	E CAPACITOR	1000uF 16V M	
C2106	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2206	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2210	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C2303	QCZ0397-106Z	C CAPACITOR	10uF 25V M	
C2304	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2305	QCZ0396-226Z	C CAPACITOR	22uF 16V M	
C2306	QCZ0396-226Z	C CAPACITOR	22uF 16V M	
C2307	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2308	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C2309	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2311	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2401	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C2403	QCZ0397-106Z	C CAPACITOR	10uF 25V M	
C2404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2405	QCZ0396-226Z	C CAPACITOR	22uF 16V M	
C2406	QCZ0396-226Z	C CAPACITOR	22uF 16V M	
C2407	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2408	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C2409	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2411	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2701	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2703	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2801	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2802	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2101	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D	
R2102	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2103	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R2104	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2301	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2303	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2304	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2305	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2306	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D	
R2307	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R2308	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2309	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2310	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2401	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2402	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R2403	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2404	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2406	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R2407	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R2408	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2409	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2410	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R2701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2703	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2802	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2804	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2805	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2808	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2809	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2810	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2811	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2813	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2814	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2815	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2816	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2818	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2819	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2820	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2901	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2902	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2903	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2904	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2905	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L2102	QQR1401-001	CHOKE COIL		
L2302	QQL28AK-150	COIL	15uH K	
L2402	QQL28AK-150	COIL	15uH K	

MAIN DRIVE P.W. BOARD ASS'Y (LCA90563-02B) (SRP-3012A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3101	ASI5100	IC		
IC3102	K4S161622H-UC60	IC		
IC3103	K4S161622H-UC60	IC		
IC3104	K4S161622H-UC60	IC		
IC3105	K4S161622H-UC60	IC		
IC3161	RC4558D-X	IC		
IC3162	RC4558D-X	IC		
IC3163	RC4558D-X	IC		
IC3201	ASI5100	IC		
IC3202	K4S161622H-UC60	IC		
IC3203	K4S161622H-UC60	IC		
IC3204	K4S161622H-UC60	IC		
IC3205	K4S161622H-UC60	IC		
IC3206	SN74LVC1G125V-X	IC		
IC3261	RC4558D-X	IC		
IC3262	RC4558D-X	IC		
IC3263	RC4558D-X	IC		
IC3301	ASI5100	IC		
IC3302	K4S161622H-UC60	IC		
IC3303	K4S161622H-UC60	IC		
IC3304	K4S161622H-UC60	IC		
IC3305	K4S161622H-UC60	IC		
IC3361	RC4558D-X	IC		
IC3362	RC4558D-X	IC		
IC3363	RC4558D-X	IC		
IC3701	AT89C51RD2RLTUM	IC		
IC3743	CD74HC4053PW-X	IC		
IC3746	SN74LVC541APW-X	IC		
IC3801	JCC5066	IC		
IC3892	R1170H251B-X	IC		
IC3901	SI-8011NVS-X	IC		
IC3902	PQ1CY1032Z-W	IC		
IC3903	LM2941S-W	IC		
IC3905	BA50BC0FP-X	IC		
IC3906	PQ20WZ11-X	IC		
Q3702	UN2211-X	TRANSISTOR		
Q3901	UPA2751GR-X	POWER MOS FET		
Q3902	UN2211-X	TRANSISTOR		
Q3903	UN2211-X	TRANSISTOR		
Q3904	2SC3928A/QR/-X	TRANSISTOR		
Q3905	UN2211-X	TRANSISTOR		
Q3906	UN2211-X	TRANSISTOR		
Q3907	IMD14-W	PAIR TRANSISTOR		
Q3908	CPH3116-X	TRANSISTOR		
D3161	MA8056/M/-X	Z DIODE		
D3261	MA8056/M/-X	Z DIODE		
D3361	MA8056/M/-X	Z DIODE		
D3701	STZ6.8N-X	Z DIODE		
D3702	STZ6.8N-X	Z DIODE		
D3703	STZ6.8N-X	Z DIODE		
D3704	STZ6.8N-X	Z DIODE		
D3705	STZ6.8N-X	Z DIODE		
D3706	STZ6.8N-X	Z DIODE		
D3707	STZ6.8N-X	Z DIODE		
D3708	STZ6.8N-X	Z DIODE		
D3741	STZ6.8N-X	Z DIODE		
D3742	STZ6.8N-X	Z DIODE		
D3901	MA111-X	SI DIODE		
D3902	EC30HA03L-X	SB DIODE		
D3903	PTZ3.9B-X	Z DIODE		
D3931	EC30HA03L-X	SB DIODE		
D3932	EC30HA03L-X	SB DIODE		
D3933	PTZ6.8B-X	Z DIODE		
D3935	MA8043/L/-X	Z DIODE		
D3936	MA8043/L/-X	Z DIODE		
D3937	MA111-X	SI DIODE		
C3008	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3145	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3146	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3147	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3148	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3149	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3150	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3151	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3165	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3166	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3167	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3168	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3169	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3170	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3171	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3172	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3191	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3192	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3193	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3195	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3196	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3197	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3198	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3199	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3202	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C3203	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C3204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3208	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3209	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3211	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3212	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3221	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3223	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3229	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3244	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3250	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3262	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3264	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3265	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3266	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3267	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3268	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3269	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3270	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3271	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3272	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3291	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3293	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3295	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3297	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3298	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3299	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3326	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3327	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3343	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3344	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3345	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3346	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3352	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3362	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3365	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3366	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3367	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3368	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3369	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3370	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3371	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3372	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3391	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3393	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3395	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3396	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3397	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3398	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3399	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3701	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3703	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3704	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3706	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3707	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3709	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3710	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C3711	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C3712	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3713	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3746	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3747	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3748	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3749	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3750	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3808	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3822	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3825	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3827	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3829	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3830	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3831	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3833	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3834	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3838	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3839	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C3840	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3841	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3842	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3861	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3863	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3864	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3865	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3866	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3867	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3868	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3869	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3870	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3872	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3873	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3874	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3881	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3882	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3913	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M	
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3934	NELA1AM-157X	E CAPACITOR	150uF 10V M	
C3936	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C3941	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3942	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3951	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3953	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3958	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3960	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3965	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3967	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3969	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3972	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3974	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3975	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3046	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3047	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3048	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3103	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3106	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3107	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3121	NQR0271-001X	EMI FILTER		
R3122	NQR0271-001X	EMI FILTER		
R3123	NQR0271-001X	EMI FILTER		
R3124	NQR0271-001X	EMI FILTER		
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3131	NQR0271-001X	EMI FILTER		
R3132	NQR0271-001X	EMI FILTER		
R3133	NQR0271-001X	EMI FILTER		
R3134	NQR0271-001X	EMI FILTER		
R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3146	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3147	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3169	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3170	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3171	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3181	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R3184	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3185	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3186	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3187	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3188	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3189	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3190	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3201	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3203	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3207	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3221	NQR0271-001X	EMI FILTER		
R3222	NQR0271-001X	EMI FILTER		
R3223	NQR0271-001X	EMI FILTER		
R3224	NQR0271-001X	EMI FILTER		
R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3231	NQR0271-001X	EMI FILTER		
R3232	NQR0271-001X	EMI FILTER		
R3233	NQR0271-001X	EMI FILTER		
R3234	NQR0271-001X	EMI FILTER		
R3237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3242	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3244	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3245	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3246	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3247	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3255	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3256	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3257	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3261	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3262	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3265	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3266	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3267	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3268	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3269	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3270	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3271	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3281	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R3284	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3285	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3286	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3287	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3288	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3289	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3290	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3292	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3296	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3297	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3298	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3299	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3303	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3306	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3307	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3311	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3321	NQR0271-001X	EMI FILTER		
R3322	NQR0271-001X	EMI FILTER		
R3323	NQR0271-001X	EMI FILTER		
R3324	NQR0271-001X	EMI FILTER		
R3325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3330	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3331	NQR0271-001X	EMI FILTER		
R3332	NQR0271-001X	EMI FILTER		
R3333	NQR0271-001X	EMI FILTER		
R3334	NQR0271-001X	EMI FILTER		
R3335	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3344	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3345	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3346	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3347	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3353	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3354	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3362	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3363	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3366	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3367	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3368	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3369	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3370	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3371	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3381	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R3384	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3385	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3386	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3387	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3388	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3389	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3390	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3391	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3392	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3396	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3397	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3398	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3399	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3705	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3706	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3707	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3709	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3710	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3716	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3717	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3719	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3721	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3722	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3723	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3724	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3727	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3730	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3733	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3735	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3736	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3737	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3738	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3741	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3742	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3745	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3747	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3750	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3751	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3752	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3754	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3755	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3756	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3757	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3758	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3759	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3764	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3765	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3768	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3769	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3783	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3798	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3801	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3802	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3803	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3804	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3805	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3806	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3807	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3808	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3809	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3810	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3811	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3812	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3813	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3814	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3815	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3816	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3817	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3818	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3819	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3820	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3827	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3832	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3835	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3840	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3841	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3846	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3849	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3865	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3867	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3869	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R3871	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3874	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3877	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3879	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R3881	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3882	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3883	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3884	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3885	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3888	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R3889	NRSA63D-750X	MG RESISTOR	75Ω 1/16W D	
R3890	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3895	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3896	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3898	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3906	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J	
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3933	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3934	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D	
R3935	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3951	NRSA63D-561X	MG RESISTOR	560Ω 1/16W D	
R3952	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R3953	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3970	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3971	NRSA63D-471X	MG RESISTOR	470Ω 1/16W D	
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R3990	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3991	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3992	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
R3993	NRS12BJ-1R0W	MG RESISTOR	1Ω 1/2W J	
R3995	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3996	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3997	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3998	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L3701	NQL092K-2R2X	P COIL	2.2uH K	
L3901	NQLB3EN-100X	COIL	10uH N	
L3902	NQL52EN-4R7X	COIL	4.7uH N	
L3931	NQL63EM-101X	COIL	100uH M	
L3932	NQL52EN-4R7X	COIL	4.7uH N	
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
K3001	NQR0413-003X	FERRITE BEADS		
K3191	NQR0413-003X	FERRITE BEADS		
K3192	NQR0413-003X	FERRITE BEADS		
K3193	NQR0413-003X	FERRITE BEADS		
K3194	NQR0413-003X	FERRITE BEADS		
K3195	NQR0413-003X	FERRITE BEADS		
K3196	NQR0413-003X	FERRITE BEADS		
K3291	NQR0413-003X	FERRITE BEADS		
K3292	NQR0413-003X	FERRITE BEADS		
K3293	NQR0413-003X	FERRITE BEADS		
K3294	NQR0413-003X	FERRITE BEADS		
K3295	NQR0413-003X	FERRITE BEADS		
K3296	NQR0413-003X	FERRITE BEADS		
K3391	NQR0413-003X	FERRITE BEADS		
K3392	NQR0413-003X	FERRITE BEADS		
K3393	NQR0413-003X	FERRITE BEADS		
K3394	NQR0413-003X	FERRITE BEADS		
K3395	NQR0413-003X	FERRITE BEADS		
K3396	NQR0413-003X	FERRITE BEADS		
K3701	NQR0413-003X	FERRITE BEADS		
K3741	NQR0413-003X	FERRITE BEADS		
K3742	NQR0413-003X	FERRITE BEADS		
K3743	NQR0413-003X	FERRITE BEADS		
K3744	NQR0413-003X	FERRITE BEADS		
K3861	NQR0413-003X	FERRITE BEADS		
K3881	NQR0413-003X	FERRITE BEADS		
K3891	NQR0413-003X	FERRITE BEADS		
K3893	NQR0413-003X	FERRITE BEADS		
K3894	NQR0413-003X	FERRITE BEADS		
X3201	NAX0673-001X	CRYSTAL		
X3701	NAX0781-001X	CRYSTAL		
X3881	NAX0587-001X	CXO	54.0000MHz	

REMOTE SENSOR P.W. BOARD ASS'Y (LCA90578-01B) (SRP-8007A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	GP1UM281QKVF	IR DETECT UNIT		
D8001	UDZS6.8B-X	Z DIODE		
C8001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8002	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN800R	WJK0174-001A-E	E-SI C WIRE C-B		

FAN CONTROL P.W. BOARD ASS'Y (LCA90502-02A) (SRP-8110A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	LM2941S-W	IC		
IC8002	PQ20WZ11-X	IC		
IC8003	PQ20WZ11-X	IC		
IC8005	SN74HC32NS-X	IC(DIGITAL)		
Q8001	2SC3928A/QR/-X	TRANSISTOR		
Q8004	2SC3928A/QR/-X	TRANSISTOR		
Q8005	2SC3928A/QR/-X	TRANSISTOR		
D8001	STZ6.8N-X	Z DIODE		
D8002	STZ6.8N-X	Z DIODE		
D8003	STZ6.8N-X	Z DIODE		
C8001	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8003	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8004	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8008	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C8009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8010	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8011	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8018	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C8019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8020	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8021	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
R8001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8003	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8004	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8005	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8006	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R8014	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8015	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8016	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8024	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8025	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8026	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R8031	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8032	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8033	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R8034	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8035	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8036	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R8041	NRZ0040-103X	NET RESISTOR	10kΩ 1/16W J x4	
R8042	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	

TEMP SENSOR P.W. BOARD ASS'Y
(LCA90529-01B) (SRP-8209A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	LM75BIM-5-X	IC		
D2001	STZ6.8N-X	Z DIODE		
C2002	NCB21CK-105X	C CAPACITOR	1uF 16V K	
R2001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K2001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

POWER P.W. BOARD ASS'Y
(LCA90461-05D) (SRP-9501A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠IC9211	MC33262D-X	IC		
IC9301	BAJ5CC0FP-X	IC		
IC9501	STR-W6754-F5	IC		
Q9021	2SC3928A/QR/-X	TRANSISTOR		
Q9211	2SK2698-LB	POWER MOS FET		
Q9212	2SC3928A/QR/-X	TRANSISTOR		
Q9213	IMD3A-W	DIGI TRANSISTOR		
Q9215	2SC3928A/QR/-X	TRANSISTOR		
Q9251	UN2213-X	DIGI TRANSISTOR		
Q9252	UN2213-X	DIGI TRANSISTOR		
Q9255	2SC3928A/QR/-X	TRANSISTOR		
Q9281	2SA1530A/QR/-X	TRANSISTOR		
Q9282	2SC3928A/QR/-X	TRANSISTOR		
Q9283	2SC3928A/QR/-X	TRANSISTOR		
Q9284	UN2211-X	TRANSISTOR		
D9001	UDZS4.7B-X	Z DIODE		
D9021	1SS355-X	SI DIODE		
D9111	S1WB/A/60-4101	BRIDGE DIODE		
⚠D9201	GBJ6JU	BRIDGE DIODE		
D9202	1SS355-X	SI DIODE		
D9211	YG972S6R	SI DIODE		
D9213	1SS355-X	SI DIODE		
D9214	1SS355-X	SI DIODE		
D9251	UDZS6.8B-X	Z DIODE		
D9252	1SS355-X	SI DIODE		
D9253	1SS355-X	SI DIODE		
D9254	D1FL20U-X	SI DIODE		
D9281	UDZS2.4B-X	Z DIODE		
D9282	1SS355-X	SI DIODE		
D9301	D1FS4-X	SB DIODE		
D9501	SARS01-T2	SI DIODE		
D9502	SARS01-T2	SI DIODE		
D9503	RGP10J-5025-T3	SI DIODE		
D9504	D1FS4-X	SB DIODE		
D9505	MTZJ33B-T2	Z DIODE		
D9506	D1FL20U-X	SI DIODE		
D9507	1SS355-X	SI DIODE		
D9510	1SS355-X	SI DIODE		
D9511	D1FS4-X	SB DIODE		
D9512	D1FL20U-X	SI DIODE		
D9514	MTZJ13B-T2	Z DIODE		
D9551	HER202G-FL	SI DIODE		
D9552	HER202G-FL	SI DIODE		
D9553	FME-220A	SB DIODE		
D9554	RGP10J-5025-T3	SI DIODE		
D9555	MTZJ15B-T2	Z DIODE		
D9556	MTZJ16C-T2	Z DIODE		
D9557	RGP10J-5025-T3	SI DIODE		
D9701	UTCTL431-T	IC		
⚠C9001	QFZ9072-105	MM CAPACITOR	1uF AC250V K	
⚠C9002	QFZ9072-105	MM CAPACITOR	1uF AC250V K	
⚠C9011	QCZ9079-471	C CAPACITOR	470pF AC250V K	
⚠C9013	QCZ9079-471	C CAPACITOR	470pF AC250V K	
C9111	QEZ0632-226	E CAPACITOR	22uF 400V M	
C9141	QECR1CM-477Z	E CAPACITOR	470uF 16V M	
C9142	QEHR1AM-337Z	E CAPACITOR	330uF 10V M	
⚠C9197	QCZ9079-471	C CAPACITOR	470pF AC250V K	
⚠C9198	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9201	QCZ9082-222Z	C CAPACITOR	2200pF AC250V M	
⚠C9202	QCZ9082-222Z	C CAPACITOR	2200pF AC250V M	
⚠C9203	QCZ9082-222Z	C CAPACITOR	2200pF AC250V M	
⚠C9204	QCZ9082-222Z	C CAPACITOR	2200pF AC250V M	
C9211	QFZ0213-155	MM CAPACITOR	1.5uF 400V K	
C9212	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9213	NCB21CK-684X	C CAPACITOR	0.68uF 16V K	
C9214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C9215	QEHR1VM-476Z	E CAPACITOR	47uF 35V M	
C9216	QEZ0650-227	E CAPACITOR	220uF 450V M	
C9217	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9218	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9219	QCZ0122-471	C CAPACITOR	470pF 2kV K	
C9251	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C9252	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C9281	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C9301	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C9302	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9303	NCF11EZ-105X	C CAPACITOR	1uF 25V Z	
C9501	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9503	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C9504	QETN1VM-476Z	E CAPACITOR	47uF 35V M	
C9505	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C9506	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9507	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C9508	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9510	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9511	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9512	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9555	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9559	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9560	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9562	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9563	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9564	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9565	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9566	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9567	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9568	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9569	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9703	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
⚠R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
R9003	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R9005	NRS12BJ-104W	MG RESISTOR	100kΩ 1/2W J	
R9021	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9101	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
R9148	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9201	QRZ0121-200	UNF WW RESISTOR	20Ω 5W J	
R9203	QRL01EJ-221X	OMF RESISTOR	220Ω 1W J	
R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9214	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9215	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9218	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	
R9220	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	
R9221	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	
R9222	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9223	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9224	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9233	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9258	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9259	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9281	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9282	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9283	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9284	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9285	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9287	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9288	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R9289	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9290	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9292	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R9301	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J	
R9503	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9504	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9505	QRL039J-220	OMF RESISTOR	22Ω 3W J	
⚠R9506	QRZ9017-120	FUSI RESISTOR	12Ω 1/4W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9507	NRS12BJ-100W	MG RESISTOR	10Ω 1/2W J	
R9508	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J	
R9510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9511	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9512	QRT01EJ-R39X	MF RESISTOR	0.39Ω 1W J	
R9514	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
⚠R9515	QRZ9009-4R7	FUSI RESISTOR	4.7Ω 1/2W J	
R9516	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9520	QRL029J-393	OMF RESISTOR	39kΩ 2W J	
R9551	QRT03EJ-R47X	MF RESISTOR	0.47Ω 3W J	
R9552	QRT03EJ-R47X	MF RESISTOR	0.47Ω 3W J	
R9554	QRL01EJ-222X	OMF RESISTOR	2.2kΩ 1W J	
R9559	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R9701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9705	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9706	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R9707	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
⚠R9991	QRZ9046-825Z	C RESISTOR	8.2MΩ 1/2W K	
L9141	QQL26AK-470Z	COIL	47uH K	
L9202	QQR1468-001	CHOKE COIL		
L9551	QQL26AM-3R3Z	COIL	3.3uH M	
L9552	QQL26AM-3R3Z	COIL	3.3uH M	
⚠T9121	QAL0515-002	POWER TRANSF		
⚠T9501	QQS0352-001	SW TRANSF		
⚠CP9121	QMFZ052-2R0-E	FUSE	2A AC250V	
⚠CP9211	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9554	ICP-N50-T	IC PROTECTOR	2.0A	
⚠CP9555	ICP-N50-T	IC PROTECTOR	2.0A	
⚠CP9556	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9557	ICP-N70-T	IC PROTECTOR	2.5A	
⚠F9001	QMF51D2-6R3-J1	FUSE	6.3A AC250V	
K9111	NQR0413-003X	FERRITE BEADS		
K9211	QQR0621-002Z	FERRITE BEADS		
K9212	QQR0621-002Z	FERRITE BEADS		
K9501	QQR0621-002Z	FERRITE BEADS		
K9502	QQR0621-002Z	FERRITE BEADS		
K9551	QQR0621-002Z	FERRITE BEADS		
K9552	QQR0621-002Z	FERRITE BEADS		
⚠LF9001	QQR1542-001	LINE FILTER		
⚠LF9002	QQR1693-001	LINE FILTER		
⚠LF9003	QQR1467-001	LINE FILTER		
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9281	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9501	PS2581AL1/QW/	PHOTO COUPLER		
⚠RY9021	QSK0162-001	RELAY		
⚠RY9201	QSK0163-001	RELAY		
⚠VA9001	QAF0028-621	VARISTOR	620V	

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10557-22B) (SRP-0D502A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3007	SN74LVC3G17U-X	IC		
IC3008	R1170H331B-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	EDD1232AAFA-7A	IC		
IC3502	EDD1232AAFA-7A	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LE-Z56RX5	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATF256-Z56RX5	IC	(SERVICE)	
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102HF60KYD	IC(MCU)		
IC7002	ATF512-Z56RX5	IC(MICRO C ROM)	(SERVICE)	
IC7003	SN74LVC2G241T-X	IC		
IC7401	S-80928CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MR27T1602F2PJTN	IC	(SERVICE)	
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATF32-Z56RX5	IC	(SERVICE)	
IC9201	MP1593DN-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0105	2SC3928A/QR/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0205	2SC3928A/QR/-X	TRANSISTOR		
Q0206	2SC3928A/QR/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0305	2SC3928A/QR/-X	TRANSISTOR		
Q0306	2SC3928A/QR/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0311	2SC3928A/QR/-X	TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK1228-X	MOS FET		
Q1006	2SK1228-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q4001	2SC3928A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	TRANSISTOR		
Q7208	UN2113-X	TRANSISTOR		
Q7209	UN2113-X	TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	UN2211-X	TRANSISTOR		
D1001	RB161L-40-X	SB DIODE		
D1002	RB161L-40-X	SB DIODE		
D2103	1SS355-X	SI DIODE		
D7001	1SS355-X	SI DIODE		
D7002	UDZS5.1B-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	UDZS8.2B-X	Z DIODE		
D7006	UDZS8.2B-X	Z DIODE		
D7007	UDZS8.2B-X	Z DIODE		
D7008	UDZS8.2B-X	Z DIODE		
D7009	UDZS8.2B-X	Z DIODE		
D7203	1SS355-X	SI DIODE		
D7211	1SS355-X	SI DIODE		
D7501	1SS355-X	SI DIODE		
D7502	1SS355-X	SI DIODE		
D9201	EC30HA04-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0118	NDC31HJ-151X	C CAPACITOR	150pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0119	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0206	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0218	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0219	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0318	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1002	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1070	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1081	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1082	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1083	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1084	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1085	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1086	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1087	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3024	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3128	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4031	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C4901	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4907	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4908	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4909	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4910	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4915	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4919	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4922	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4923	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4925	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4926	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4931	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4934	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4937	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4939	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4940	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4942	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C7403	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHM1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7522	NEHM1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7557	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9202	NCJ41HK-335X-U	C CAPACITOR	3.3uF 50V K	
C9203	NCB31EK-393X	C CAPACITOR	0.039uF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0109	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0214	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0314	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4068	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4109	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6540	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6543	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6545	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6551	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6552	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6553	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7144	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R7145	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R7146	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7158	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7224	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7569	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7723	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7724	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4008	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4010	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4011	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4012	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7007	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA7501	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA7502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA7503	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA7504	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA7505	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
L0101	NQL092K-R68X	P COIL	0.68uH K	
L0102	NQL092K-1R0X	P COIL	1uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-R68X	P COIL	0.68uH K	
L0202	NQL092K-1R0X	P COIL	1uH K	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-R68X	P COIL	0.68uH K	
L0302	NQL092K-1R0X	P COIL	1uH K	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NQR0489-002X	FERRITE BEADS		
L1005	NQR0489-002X	FERRITE BEADS		
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL093K-1R0X	P COIL	1uH K	
L1104	NQL093K-R10X	P COIL	0.1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-3R3X	P COIL	3.3uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1304	NQL093K-R10X	P COIL	0.1uH K	
L1401	NQL092K-3R3X	P COIL	3.3uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1404	NQL093K-R10X	P COIL	0.1uH K	
L1501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1533	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1534	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3013	NQL093K-R10X	P COIL	0.1uH K	
L3014	NQL093K-R10X	P COIL	0.1uH K	
L3015	NQL093K-R10X	P COIL	0.1uH K	
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQR0489-002X	FERRITE BEADS		
L7513	NQR0489-002X	FERRITE BEADS		
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6006	NQR0199-001X	FERRITE BEADS		
K6007	NQR0199-001X	FERRITE BEADS		
K6008	NQR0199-001X	FERRITE BEADS		
K6009	NQR0199-001X	FERRITE BEADS		
K6010	NQR0199-001X	FERRITE BEADS		
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
K9001	NQR0413-003X	FERRITE BEADS		
K9002	NQR0413-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0522	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%	
LC0527	NQR0483-006X	EMI FILTER		
LC7004	NQR0483-003X	EMI FILTER		
LC7501	NQR0483-006X	EMI FILTER		
LC7502	NQR0483-006X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

REAR JACK P.W. BOARD ASS'Y (LCA90580-01B) (SRP-0J501A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2082	S9648	PHOTO CONDUCTOR		
Q2051	UN2226-X	DIGI TRANSISTOR		
Q2052	UN2226-X	DIGI TRANSISTOR		
Q2055	UN2110-X	DIGI TRANSISTOR		
D2001	UDZS10B-X	Z DIODE		
D2002	UDZS10B-X	Z DIODE		
D2004	UDZS10B-X	Z DIODE		
D2005	UDZS10B-X	Z DIODE		
D2006	UDZS10B-X	Z DIODE		
D2007	UDZS10B-X	Z DIODE		
D2008	UDZS10B-X	Z DIODE		
D2010	UDZS10B-X	Z DIODE		
D2011	UDZS10B-X	Z DIODE		
D2012	UDZS10B-X	Z DIODE		
D2013	UDZS10B-X	Z DIODE		
D2014	UDZS10B-X	Z DIODE		
D2015	UDZS10B-X	Z DIODE		
D2016	UDZS10B-X	Z DIODE		
D2017	UDZS10B-X	Z DIODE		
D2053	UDZS10B-X	Z DIODE		
D2054	UDZS10B-X	Z DIODE		
D2081	UDZS3.3B-X	Z DIODE		
D2201	UDZS10B-X	Z DIODE		
D2202	UDZS10B-X	Z DIODE		
D2203	UDZS10B-X	Z DIODE		
D2205	UDZS10B-X	Z DIODE		
D2206	UDZS10B-X	Z DIODE		
D2207	UDZS10B-X	Z DIODE		
D2401	UDZS10B-X	Z DIODE		
D2402	UDZS10B-X	Z DIODE		
D2403	UDZS10B-X	Z DIODE		
D2404	UDZS10B-X	Z DIODE		
D2405	UDZS10B-X	Z DIODE		
D2406	UDZS10B-X	Z DIODE		
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2002	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2004	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2005	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2006	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2008	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2010	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2011	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2012	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2013	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2014	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2015	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2016	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2017	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2018	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2019	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2020	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2021	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2053	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2054	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2081	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2082	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2083	QETN1CM-107Z	E CAPACITOR	100uF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C2084	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2202	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2203	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2204	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2205	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2206	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2213	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2214	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2215	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2216	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2217	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2401	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2403	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2404	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2405	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2406	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2407	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2408	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2051	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2056	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2057	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2059	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2060	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2081	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2403	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2406	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2409	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2410	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2415	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2416	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
J2001	QNZ0802-001	AV JACK	VIDEO-1/2(S/V/L/R) IN	
J2002	QNN0729-001	PIN JACK	VIDEO-1(COMP) IN	
J2003	QNN0727-001	PIN JACK	VIDEO-3(V/L/R) IN	
J2004	QNN0742-001	PIN JACK	VIDEO-3(COMP) IN/AUDIO IN	
J2006	QNZ0801-001	AV JACK	MONITOR/REC OUT	
J2401	QNZ0781-001	D CONNECTOR	PC IN	

SIDE CONTROL P.W. BOARD ASS'Y (LCA90562-01A) (SRP-0L051A)

⚠Ref No.	Part No.	Part Name	Description	Local
C0442	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0443	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0444	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C0446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0447	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C0448	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C0501	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0601	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0602	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
R0401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0406	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0541	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0543	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0544	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
J0401	QNZ0438-001	AV JACK	VIDEO-4(S/V/L/R) IN	
J0601	QNS0051-001	3.5 JACK	HEADPHONE	
S0501	QSW0619-003Z	TACT SWITCH	VOL+	
S0502	QSW0619-003Z	TACT SWITCH	VOL-	
S0503	QSW0619-003Z	TACT SWITCH	MENU	
S0504	QSW0619-003Z	TACT SWITCH	CH+	
S0505	QSW0619-003Z	TACT SWITCH	CH-	
S0506	QSW0619-003Z	TACT SWITCH	TV/VIDEO	

LAMP COVER SW P.W. BOARD ASS'Y (LCA90591-01A) (SRP-0L206A)

⚠Ref No.	Part No.	Part Name	Description	Local
CN0CSW	WJK0173-001A-E	E-SI C WIRE C-B		
S0201	QSW1064-001	DETECT SWITCH	LAMP COVER SW	

FRONT LED P.W. BOARD ASS'Y (LCA90579-01A) (SRP-0L501A)

⚠Ref No.	Part No.	Part Name	Description	Local
Q0701	2SC3928A/QR/-X	TRANSISTOR		
Q0702	2SC3928A/QR/-X	TRANSISTOR		
Q0704	2SC3928A/QR/-X	TRANSISTOR		
Q0705	2SC3928A/QR/-X	TRANSISTOR		
D0701	SELU5E20C	LED	POWER	
D0703	UDZS6.8B-X	Z DIODE		
D0704	UDZS6.8B-X	Z DIODE		
D0705	LE22440	LED	LAMP	
D0706	UDZS6.8B-X	Z DIODE		
D0707	UDZS6.8B-X	Z DIODE		
C0702	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0703	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0704	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0705	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0706	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
R0706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0709	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0710	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R0711	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R0712	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0713	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
S0701	QSW0619-003Z	TACT SWITCH	POWER	

RECEIVER P.W. BOARD ASS'Y (LCA90547-01B) (SRP-0R501A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1101	MSP3415GQGB8V3M	IC		
IC1102	BA80BC0FP-X	IC		
IC1221	CXA1875AM-X	IC		
IC1500	HA17558AF-X	IC		
IC1621	LM393DR-X	IC		
IC1661	TDA8928ST/N1	IC		
IC1701	NJM2777M-X	IC		
IC1801	NJW1146AV-W	IC		
Q1001	2SC3928A/QR/-X	TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1101	UN2213-X	DIGI TRANSISTOR		
Q1291	2SK3019-X	MOS FET		
Q1292	2SK3019-X	MOS FET		
Q1661	UN2112-X	DIGI TRANSISTOR		
Q1662	2SC3928A/QR/-X	TRANSISTOR		
Q1663	UN2213-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
D1221	1SS355-X	SI DIODE		
D1301	UDZS10B-X	Z DIODE		
D1302	UDZS10B-X	Z DIODE		
D1303	UDZS10B-X	Z DIODE		
D1304	UDZS10B-X	Z DIODE		
D1305	UDZS10B-X	Z DIODE		
D1306	UDZS10B-X	Z DIODE		
D1500	UDZS4.7B-X	Z DIODE		
D1663	UDZS3.3B-X	Z DIODE		
D1667	1SS355-X	SI DIODE		
D1668	1SS355-X	SI DIODE		
D1669	1SS355-X	SI DIODE		
D1670	1SS355-X	SI DIODE		
D1671	UDZS20B-X	Z DIODE		
D1672	UDZS20B-X	Z DIODE		
D1673	UDZS20B-X	Z DIODE		
D1674	UDZS20B-X	Z DIODE		
C1001	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1003	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1012	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1102	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1103	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1104	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1105	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1108	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1109	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1110	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1111	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1112	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1113	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1114	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1116	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1117	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1119	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C1120	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C1121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1122	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1123	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1124	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1125	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1126	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C1127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1128	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1222	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1291	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1292	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1293	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1294	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1295	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1301	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1302	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1303	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1304	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1305	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1306	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1307	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1500	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1501	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1502	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C1503	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C1504	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C1505	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C1506	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1507	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1508	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1509	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1622	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1627	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1633	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1661	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1662	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1663	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1665	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1667	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1673	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1675	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1676	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1677	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1681	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1682	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1683	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1684	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1686	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1698	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C1699	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C1701	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C1702	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1706	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1707	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1708	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1709	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1710	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1711	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1713	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1714	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1801	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C1802	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1803	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1804	NCB31CK-393X	C CAPACITOR	0.039uF 16V K	
C1805	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1806	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C1808	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1809	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1810	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1811	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1812	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1813	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1814	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C1815	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1816	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1817	NCB31CK-393X	C CAPACITOR	0.039uF 16V K	
C1818	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1819	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C1821	NCB21CK-334X	C CAPACITOR	0.33uF 16V K	
C1822	QETN1HM-105Z	E CAPACITOR	1uF 50V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C1823	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
R1001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1012	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1013	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1014	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1015	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1222	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1228	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1229	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1230	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1231	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1241	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1292	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1301	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1500	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1501	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1503	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1504	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1505	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1506	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1507	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1508	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1509	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1512	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1513	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1515	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1516	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1622	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
R1625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1626	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1630	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R1634	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R1664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
⚠R1666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
⚠R1668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R1670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1688	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1689	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1703	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1706	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1707	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1711	QRL039J-330	OMF RESISTOR	33Ω 3W J	
R1712	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1803	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1804	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1805	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L1001	QQL244K-220Z	COIL	22uH K	
L1002	NQL79GM-100X	COIL	10uH M	
L1012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L1101	QQL244K-4R7Z	COIL	4.7uH K	
L1102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1661	QQL28AK-560	COIL	56uH K	
L1662	QQL28AK-560	COIL	56uH K	
CN100F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN100T	QGF0508F1-40X	CONNECTOR	FFC/FPC (1-40)	
CN10FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN10PC	WJK0202-001A-E	E-SI C WIRE C-B		
K1101	NQR0389-003X	FERRITE BEADS		
K1102	NQR0389-003X	FERRITE BEADS		
K1601	QQR0621-002Z	FERRITE BEADS		
K1602	QQR0621-002Z	FERRITE BEADS		
K1603	NQR0413-002X	FERRITE BEADS		
K1604	NQR0413-002X	FERRITE BEADS		
K1605	NQR0413-002X	FERRITE BEADS		
K1606	NQR0413-002X	FERRITE BEADS		
LC1101	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
LC1301	QQR1199-001	EMI FILTER		
⚠TU1001	QAU0366-001	TUNER		
X1101	QAX0773-001Z	CRYSTAL	18.432000MHz	

PRINTED WIRING BOARD PARTS LIST
[HD-Z70RX5, HD-Z70RX5/A, HD-Z70RX5/S]

ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10621-01A) (SRP-1501A)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (LCA90462-05C) (SRP-2501A)

REFER TO PARTS LIST IN PAGE 3-18 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (LCA90563-02B) (SRP-3012A)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (LCA90578-01B) (SRP-8007A)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (LCA90502-02A) (SRP-8110A)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (LCA90529-01B) (SRP-8209A)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (LCA90461-05D) (SRP-9501A)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10557-21B) (SRP-0D501A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3007	SN74LVC3G17U-X	IC		
IC3008	R1170H331B-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	EDD1232AAFA-7A	IC		
IC3502	EDD1232AAFA-7A	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LE-Z56RX5	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATF256-Z70RX5	IC	(SERVICE)	
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102HF60KYD	IC(MCU)		
IC7002	ATF512-Z70RX5	IC(MICRO C ROM)	(SERVICE)	
IC7003	SN74LVC2G241T-X	IC		
IC7401	S-80928CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MR27T1602F2PJTN	IC	(SERVICE)	
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATF32-Z56RX5	IC	(SERVICE)	
IC9201	MP1593DN-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0105	2SC3928A/QR/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0205	2SC3928A/QR/-X	TRANSISTOR		
Q0206	2SC3928A/QR/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0305	2SC3928A/QR/-X	TRANSISTOR		
Q0306	2SC3928A/QR/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0311	2SC3928A/QR/-X	TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK1228-X	MOS FET		
Q1006	2SK1228-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q4001	2SC3928A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	TRANSISTOR		
Q7208	UN2113-X	TRANSISTOR		
Q7209	UN2113-X	TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	UN2211-X	TRANSISTOR		
D1001	RB161L-40-X	SB DIODE		
D1002	RB161L-40-X	SB DIODE		
D2103	1SS355-X	SI DIODE		
D7001	1SS355-X	SI DIODE		
D7002	UDZS5.1B-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	UDZS8.2B-X	Z DIODE		
D7006	UDZS8.2B-X	Z DIODE		
D7007	UDZS8.2B-X	Z DIODE		
D7008	UDZS8.2B-X	Z DIODE		
D7009	UDZS8.2B-X	Z DIODE		
D7203	1SS355-X	SI DIODE		
D7211	1SS355-X	SI DIODE		
D7501	1SS355-X	SI DIODE		
D7502	1SS355-X	SI DIODE		
D9201	EC30HA04-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0118	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0119	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0206	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0218	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0219	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0318	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1002	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1070	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1081	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1082	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1083	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1084	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1085	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1086	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1087	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3024	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3128	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4031	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C4901	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4907	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4908	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4909	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4910	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4915	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4919	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4922	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4923	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4925	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4926	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4931	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4934	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4937	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4939	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4940	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4942	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C7403	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHM1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7522	NEHM1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7557	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9202	NCJ41HK-335X-U	C CAPACITOR	3.3uF 50V K	
C9203	NCB31EK-393X	C CAPACITOR	0.039uF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0109	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0214	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0314	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4068	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4109	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6540	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6543	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6545	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6551	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6552	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6553	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7144	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R7145	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R7146	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7158	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7224	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7569	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7723	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7724	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4008	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4010	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4011	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA4012	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7007	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA7501	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA7502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA7503	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA7504	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA7505	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
L0101	NQL092K-R68X	P COIL	0.68uH K	
L0102	NQL092K-1R0X	P COIL	1uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-R68X	P COIL	0.68uH K	
L0202	NQL092K-1R0X	P COIL	1uH K	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-R68X	P COIL	0.68uH K	
L0302	NQL092K-1R0X	P COIL	1uH K	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NQR0489-002X	FERRITE BEADS		
L1005	NQR0489-002X	FERRITE BEADS		
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL093K-1R0X	P COIL	1uH K	
L1104	NQL093K-R10X	P COIL	0.1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-3R3X	P COIL	3.3uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1304	NQL093K-R10X	P COIL	0.1uH K	
L1401	NQL092K-3R3X	P COIL	3.3uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1404	NQL093K-R10X	P COIL	0.1uH K	
L1501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1533	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1534	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3013	NQL093K-R10X	P COIL	0.1uH K	
L3014	NQL093K-R10X	P COIL	0.1uH K	
L3015	NQL093K-R10X	P COIL	0.1uH K	
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQR0489-002X	FERRITE BEADS		
L7513	NQR0489-002X	FERRITE BEADS		
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6006	NQR0199-001X	FERRITE BEADS		
K6007	NQR0199-001X	FERRITE BEADS		
K6008	NQR0199-001X	FERRITE BEADS		
K6009	NQR0199-001X	FERRITE BEADS		
K6010	NQR0199-001X	FERRITE BEADS		
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
K9001	NQR0413-003X	FERRITE BEADS		
K9002	NQR0413-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0522	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%	
LC0527	NQR0483-006X	EMI FILTER		
LC7004	NQR0483-003X	EMI FILTER		
LC7501	NQR0483-006X	EMI FILTER		
LC7502	NQR0483-006X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

REAR JACK P.W. BOARD ASS'Y (LCA90580-01B) (SRP-0J501A)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (LCA90562-01A) (SRP-0L051A)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (LCA90591-01A) (SRP-0L206A)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (LCA90579-01A) (SRP-0L501A)

REFER TO PARTS LIST IN PAGE 3-32 FOR THIS P.W. BOARD.

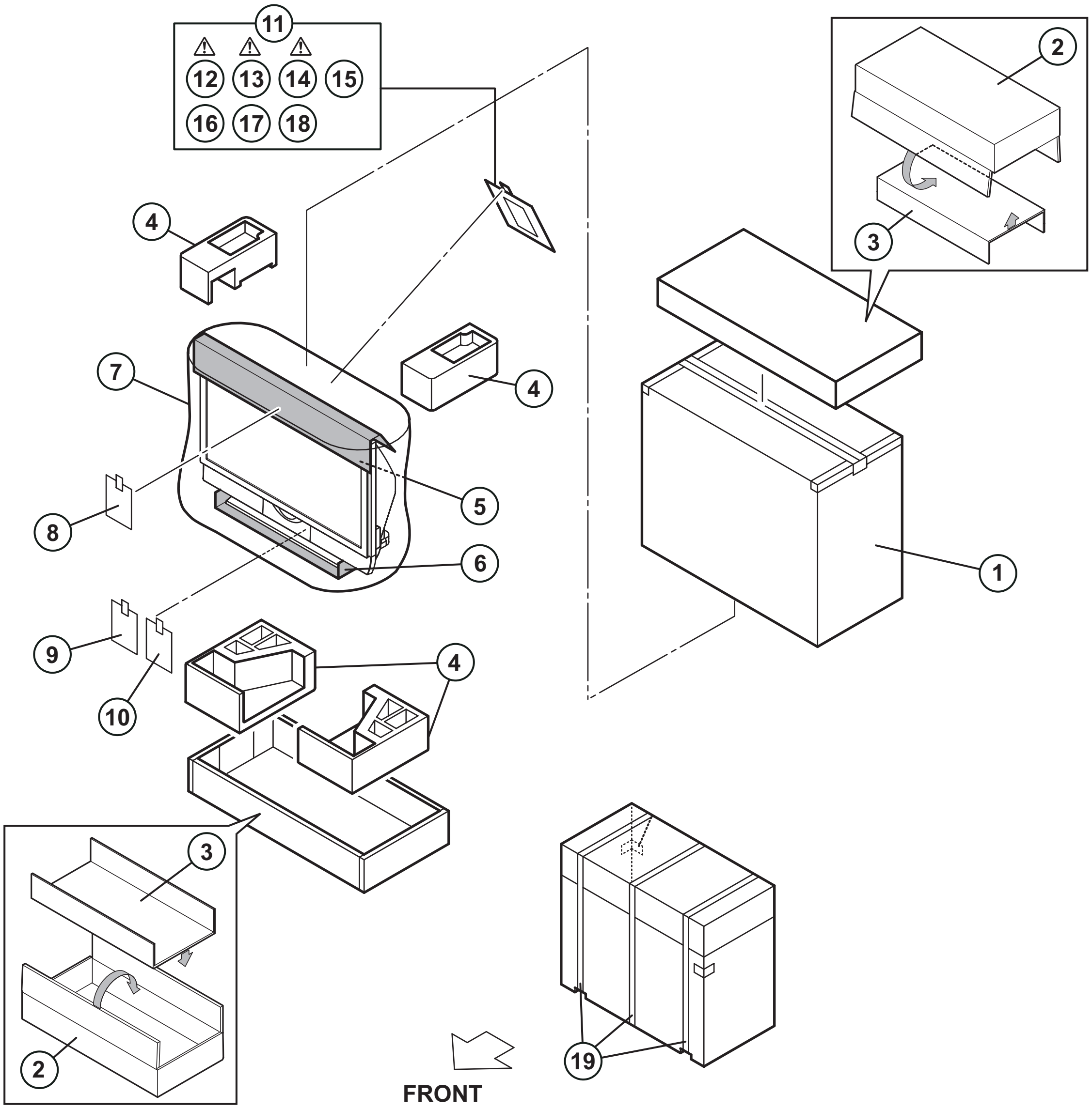
RECEIVER P.W. BOARD ASS'Y (LCA90547-01B) (SRP-0R501A)

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C1835-1C)

⚠	Ref.No.	Part No.	Part Name	Description	Local
		2AA070311	BATTERY COVER		

PACKING



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PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC12540-001A	PACKING CASE		HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S
	1	LC12541-001A	PACKING CASE		HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S
	2	LC12377-001A	PACKING TRAY	(x2)	HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S
	2	LC12583-001A	PACKING TRAY	(x2)	HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S
	3	LC12378-001A	PAD	(x2)	HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S
	3	LC12584-001A	PAD	(x2)	HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S
	4	LC12309-001A	CUSHION ASSY	4pcs in 1set	HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S
	4	LC12173-001A	CUSHION ASSY	4pcs in 1set	HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S
	5	CP30611-008	TOP COVER	TOP	
	6	CP30611-A02	TOP COVER	BOTTOM	HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S,HD-Z70RX5/S
	7	LC30236-001A	POLY BAG		HD-Z56RX5,HD-Z56RX5/A
	7	LC30236-009A	POLY BAG		HD-Z56RX5/S
	7	LC30236-011A	POLY BAG		HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S
	8	LCT1916-001A	CAUTION SHEET		
	9	LCT1914-001A	CAUTION SHEET		
	10	LCT1955-001A	CAUTION SHEET		
	11	QPA02503505P	POLY BAG	25cm x 35cm	
⚠	12	LCT1911-001A	INST BOOK	English	HD-Z56RX5,HD-Z56RX5/A,HD-Z70RX5,HD-Z70RX5/A
⚠	12	LCT1911-001B	INST BOOK	English	HD-Z56RX5/S,HD-Z70RX5/S
⚠	13	LCT1912-001A	INST BOOK	Chinese/Russian/Arabic	HD-Z56RX5,HD-Z70RX5,HD-Z70RX5/A
⚠	13	LCT1912-001B	INST BOOK	Chinese/Russian/Arabic	HD-Z56RX5/S,HD-Z70RX5/S
⚠	14	QAM0054-001	CONVERSION PLUG		HD-Z56RX5,HD-Z70RX5
	15	QAM0289-001	MATCHING BOX		HD-Z56RX5,HD-Z70RX5
	16	------------	BATTERY	R6P/AA(x2)	
	17	RM-C1835-1C	REMOCON UNIT		
	18	------------	WARRANTY CARD	BT-56012-1	HD-Z56RX5/A
	18	------------	WARRANTY CARD	BT-54027-1	HD-Z56RX5,HD-Z70RX5
	18	------------	WARRANTY CARD	BT-54012-1	HD-Z70RX5/A
	19	CP30371-00E	BAND	(x3)	HD-Z56RX5,HD-Z56RX5/A,HD-Z56RX5/S
	19	CP30371-00M	BAND	(x3)	HD-Z70RX5,HD-Z70RX5/A,HD-Z70RX5/S